

FIG. 1

2/50

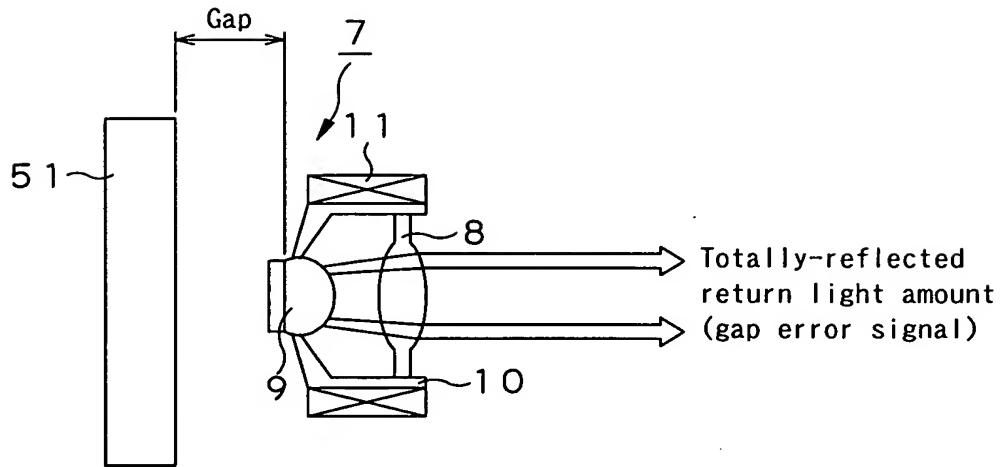


FIG. 2

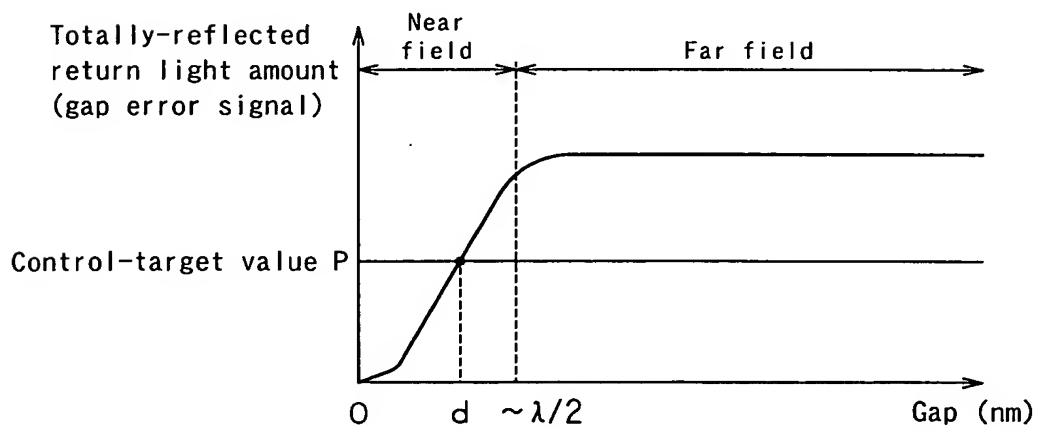


FIG. 3



4/50

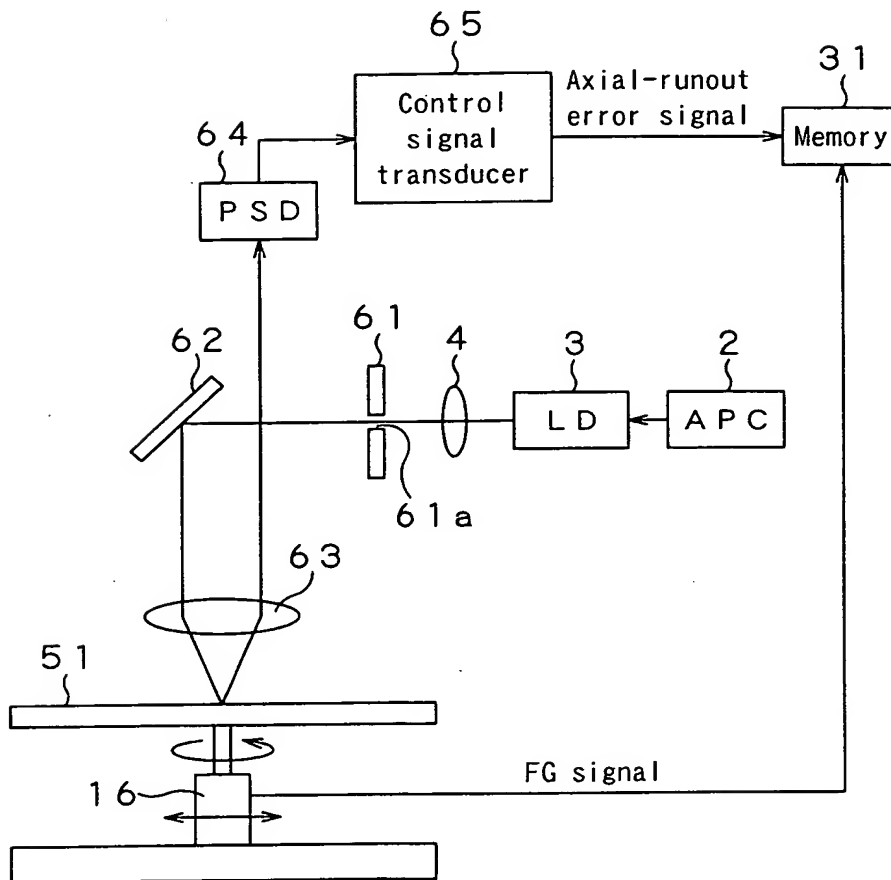


FIG.5

5/50

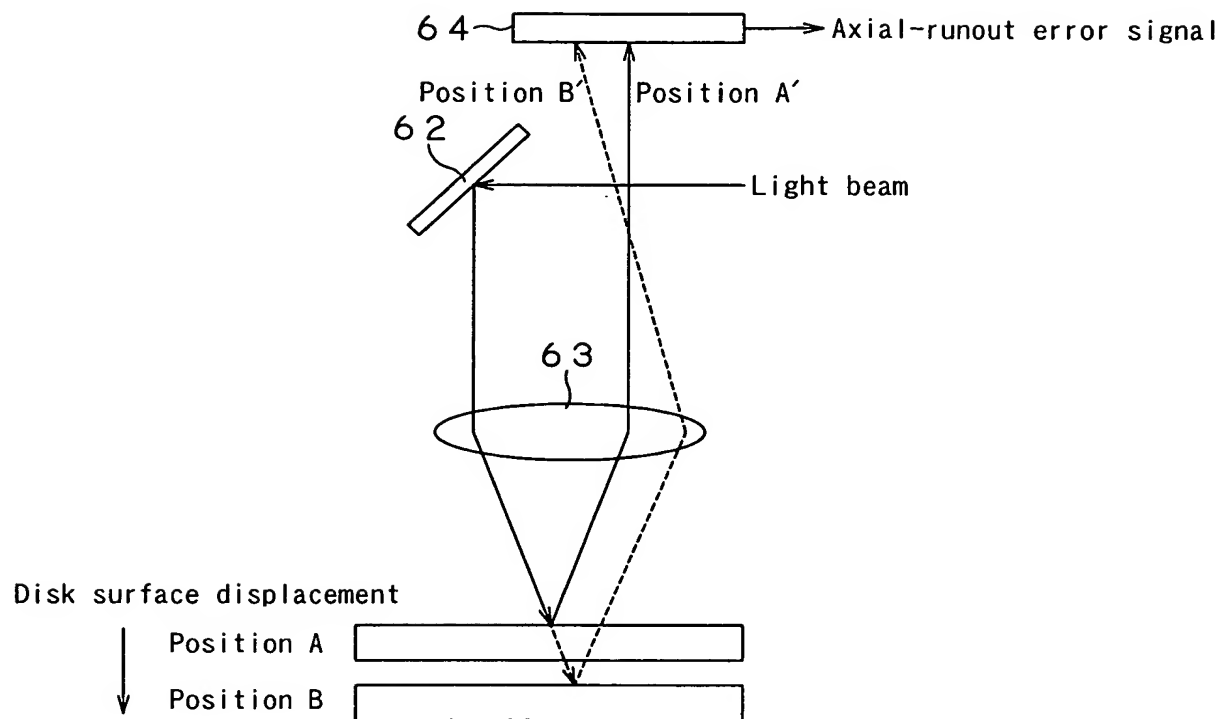


FIG.6

6/50

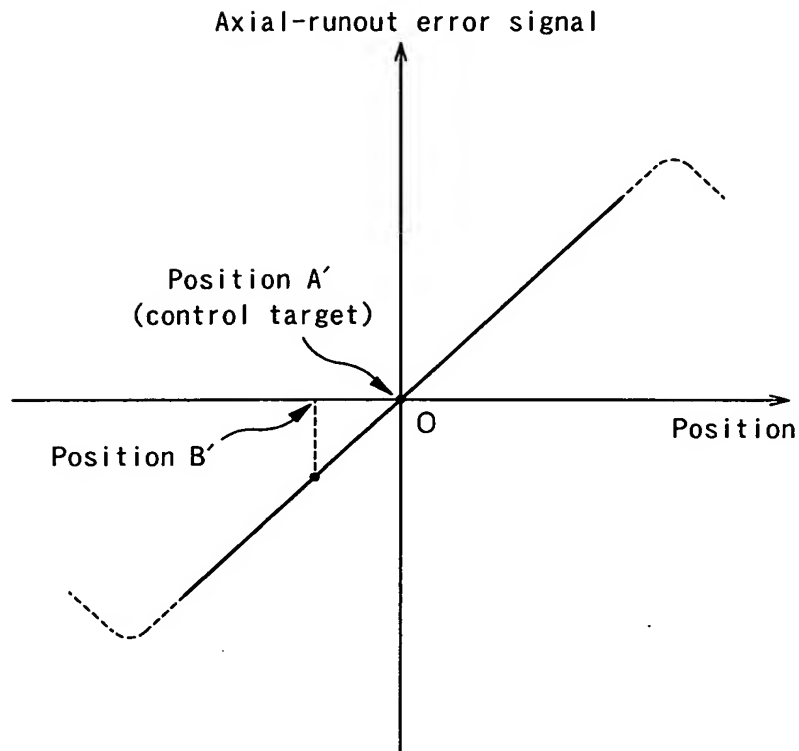


FIG. 7

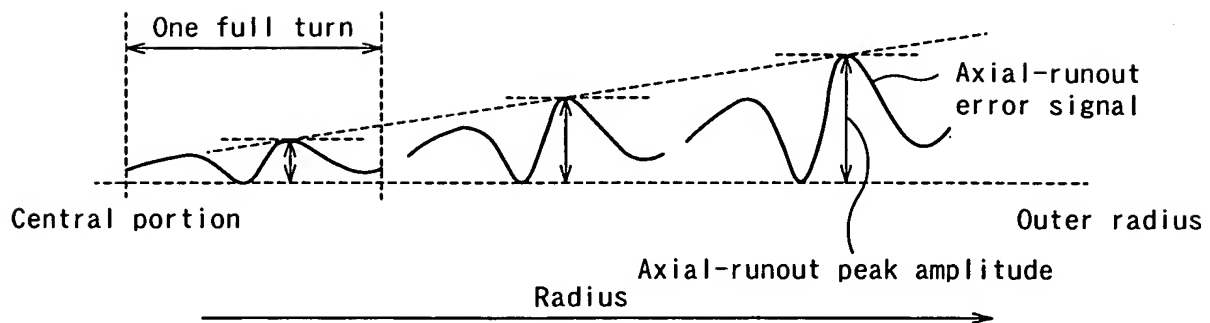
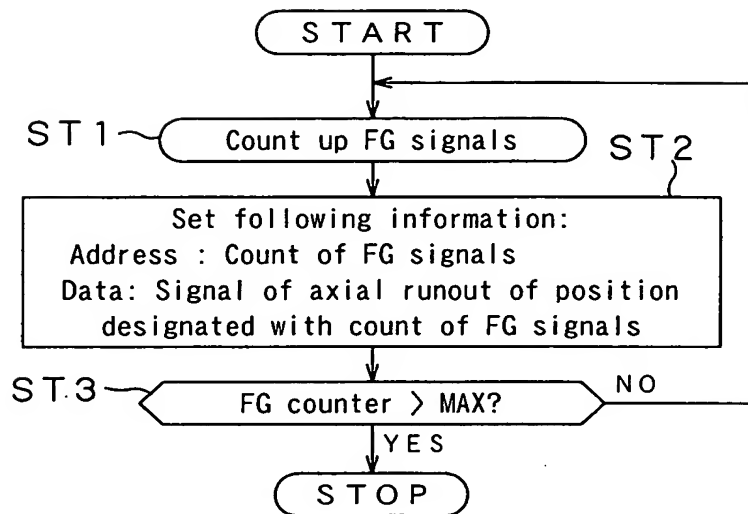


FIG. 8

7/50



\* MAX : Count of FG signals for one full turn in FG counter

FIG. 9

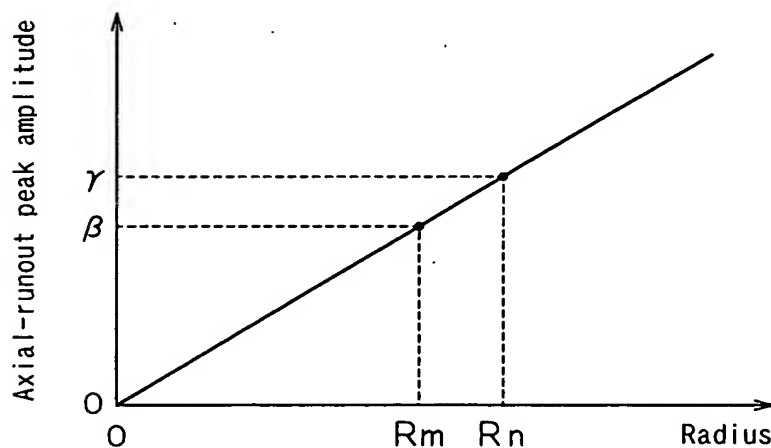


FIG. 10

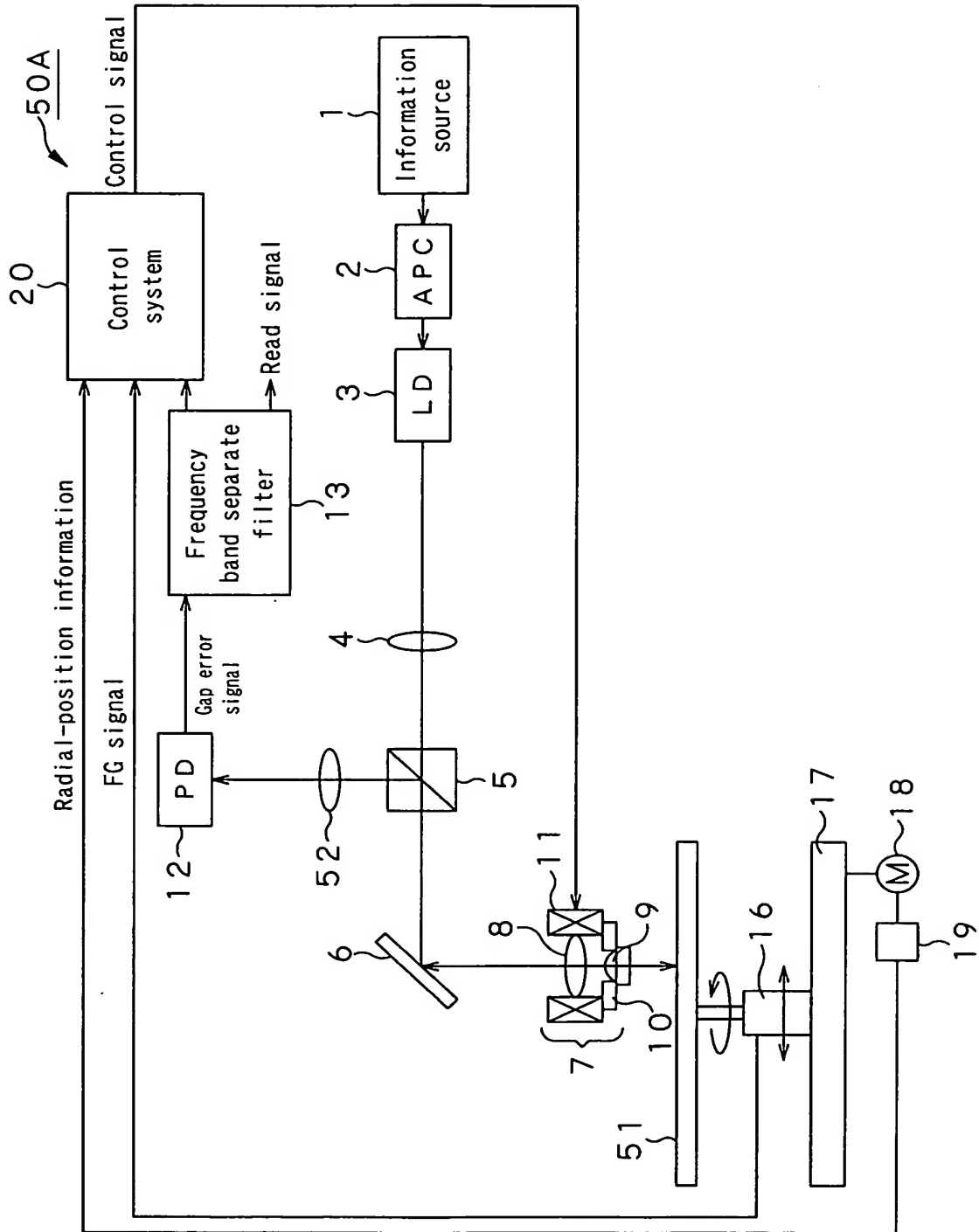
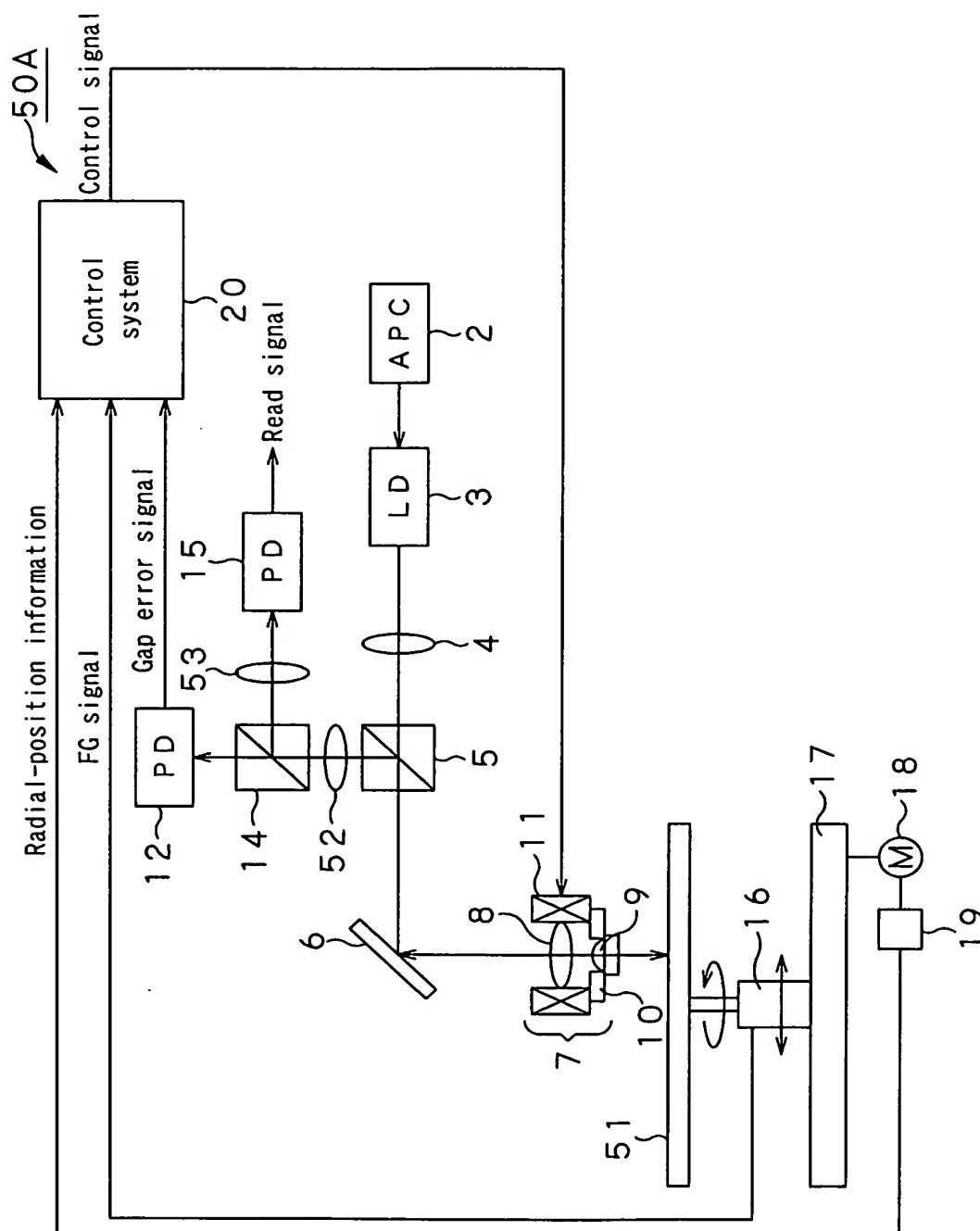


FIG. 11





**FIG. 12**

10/50

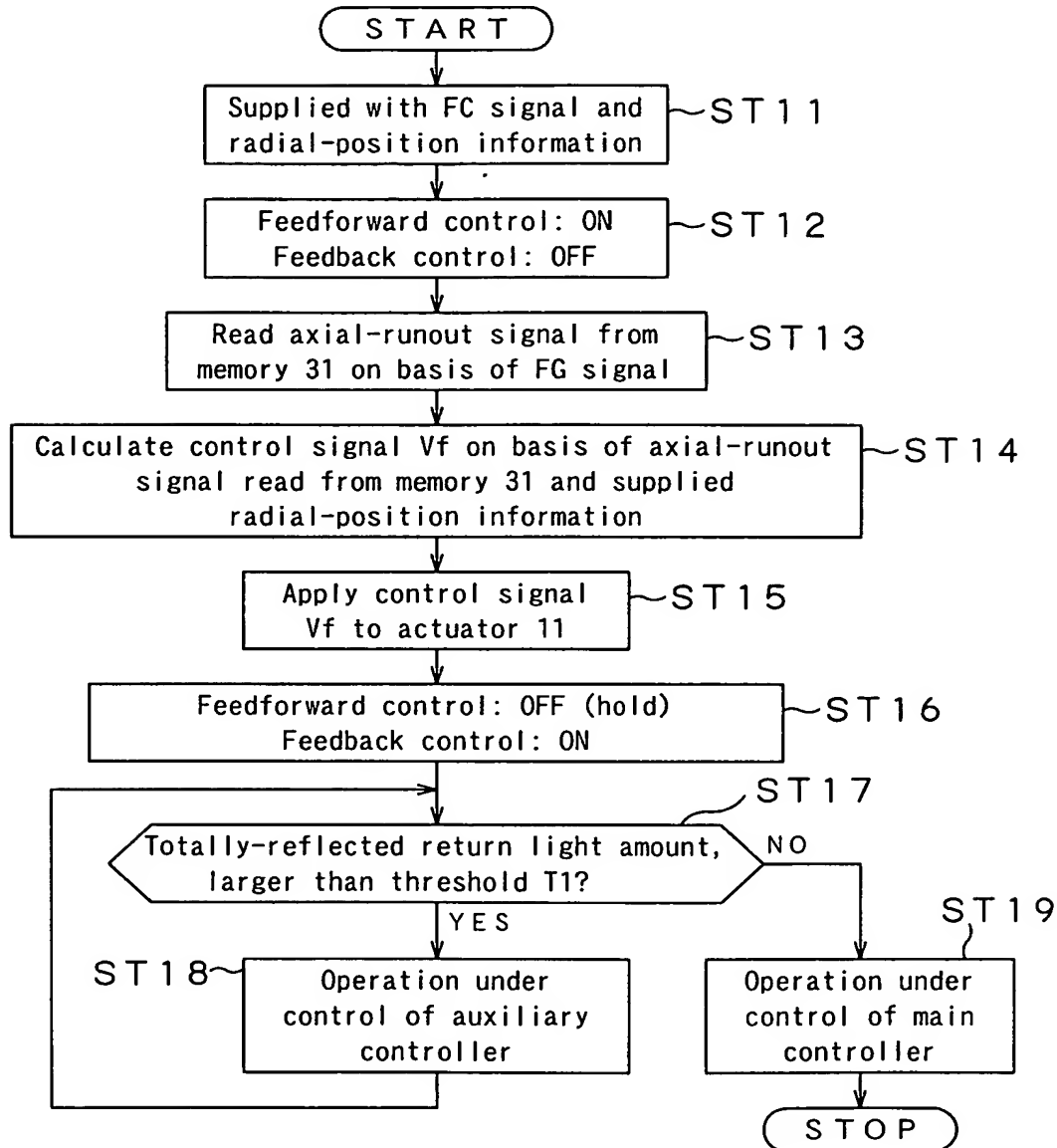


FIG. 13

11 / 50

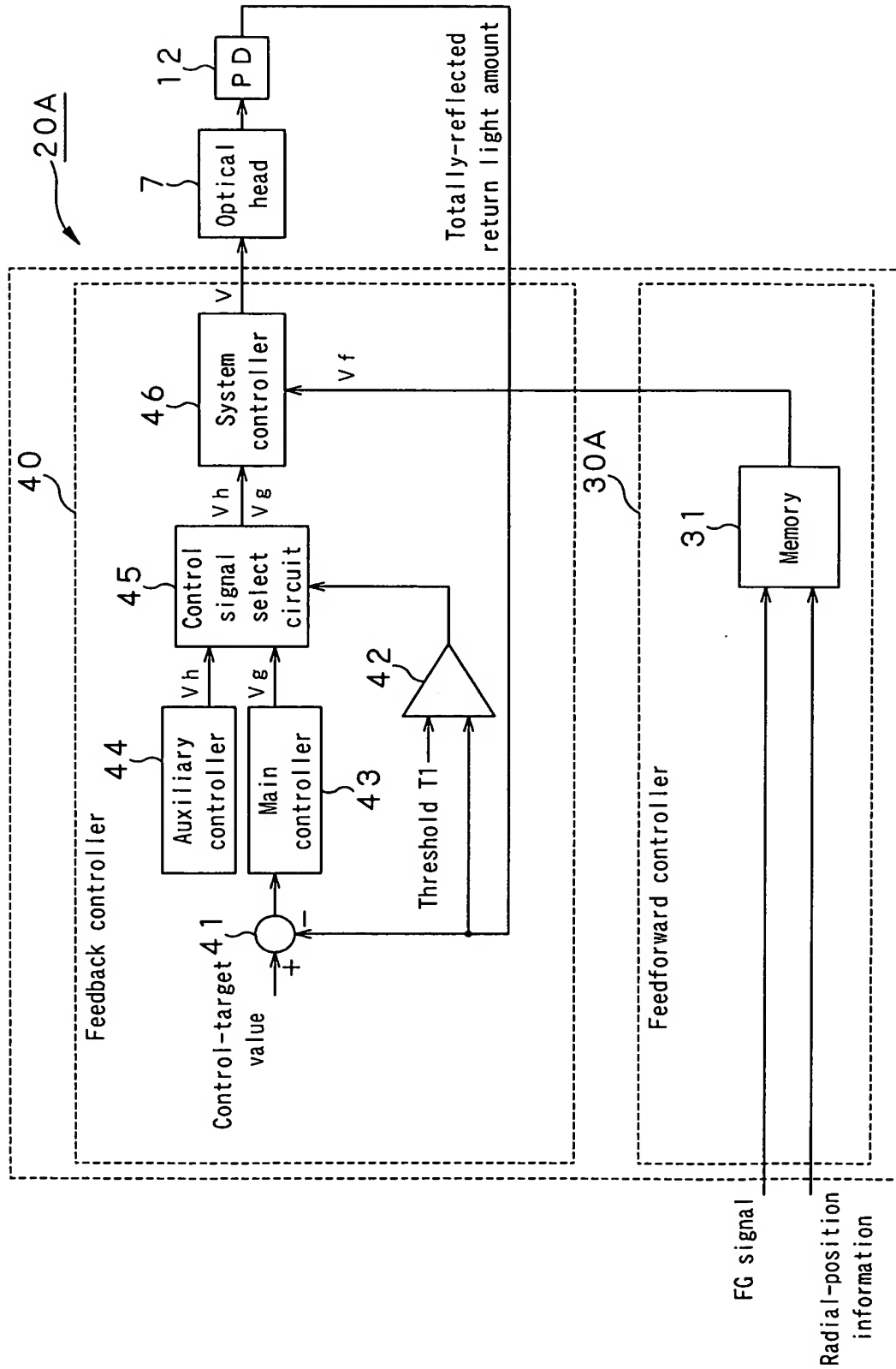


FIG. 14

12/50

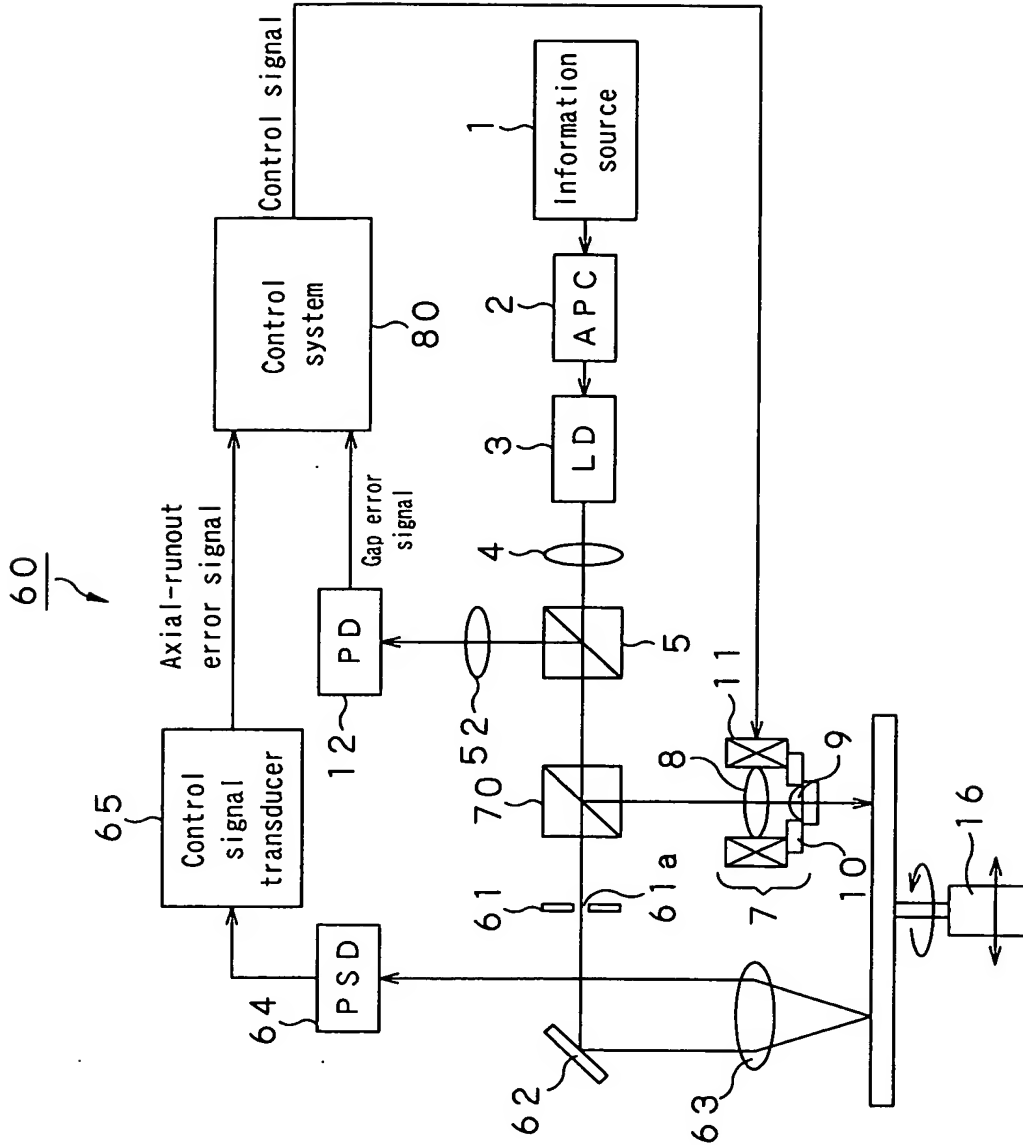


FIG. 15

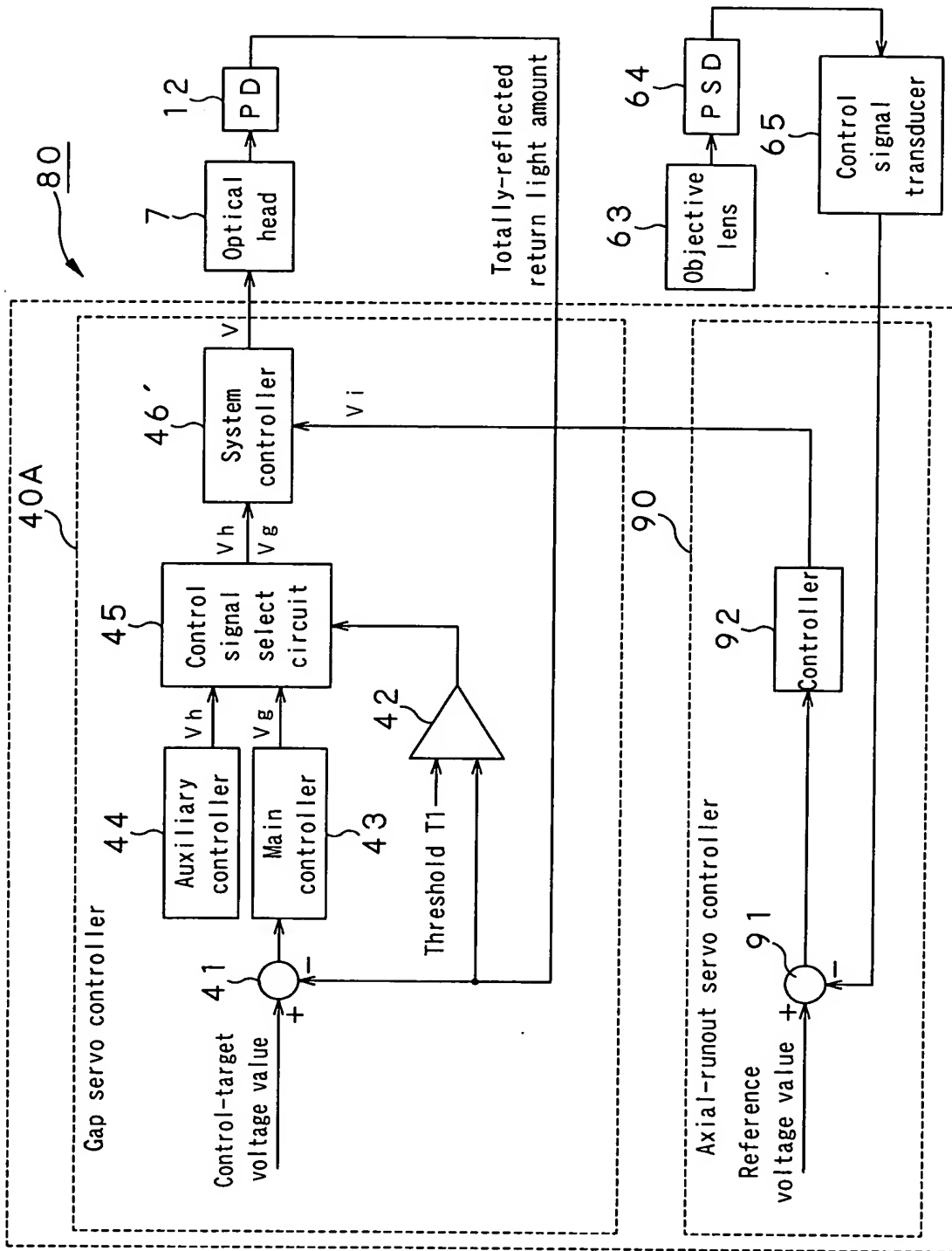


FIG. 16

14/50

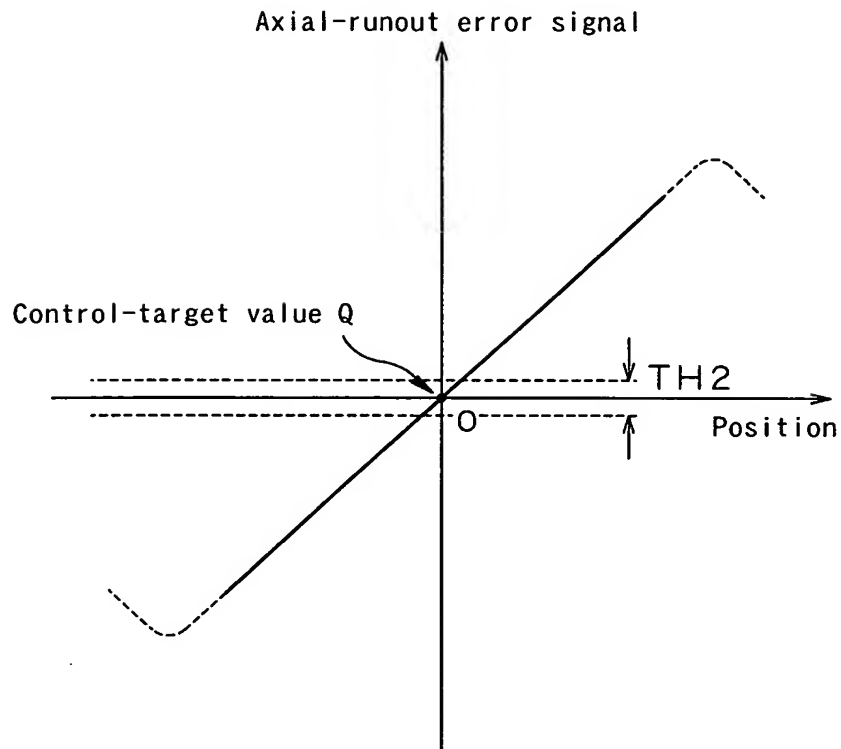


FIG. 17

15/50

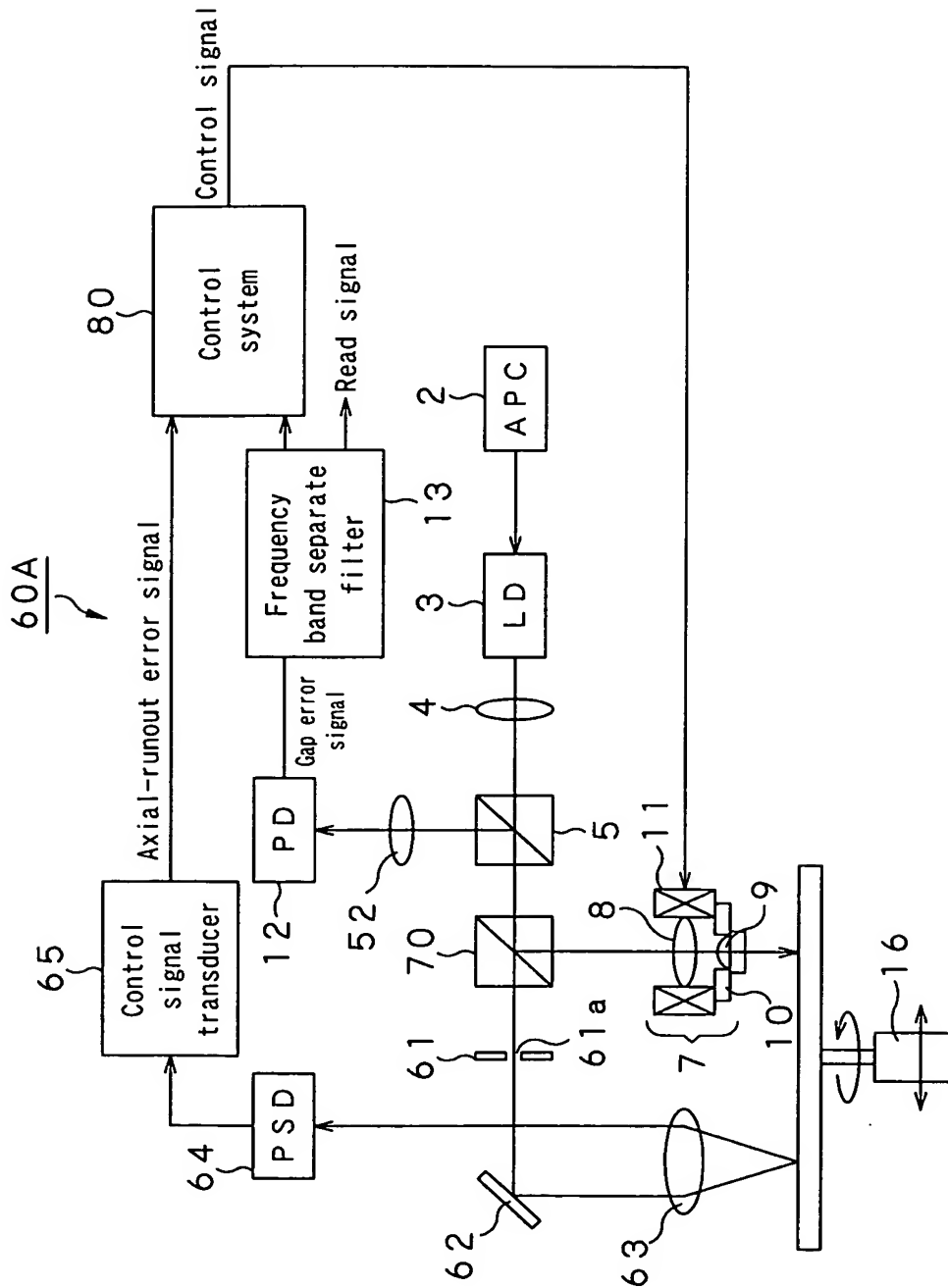


FIG. 18

16/50

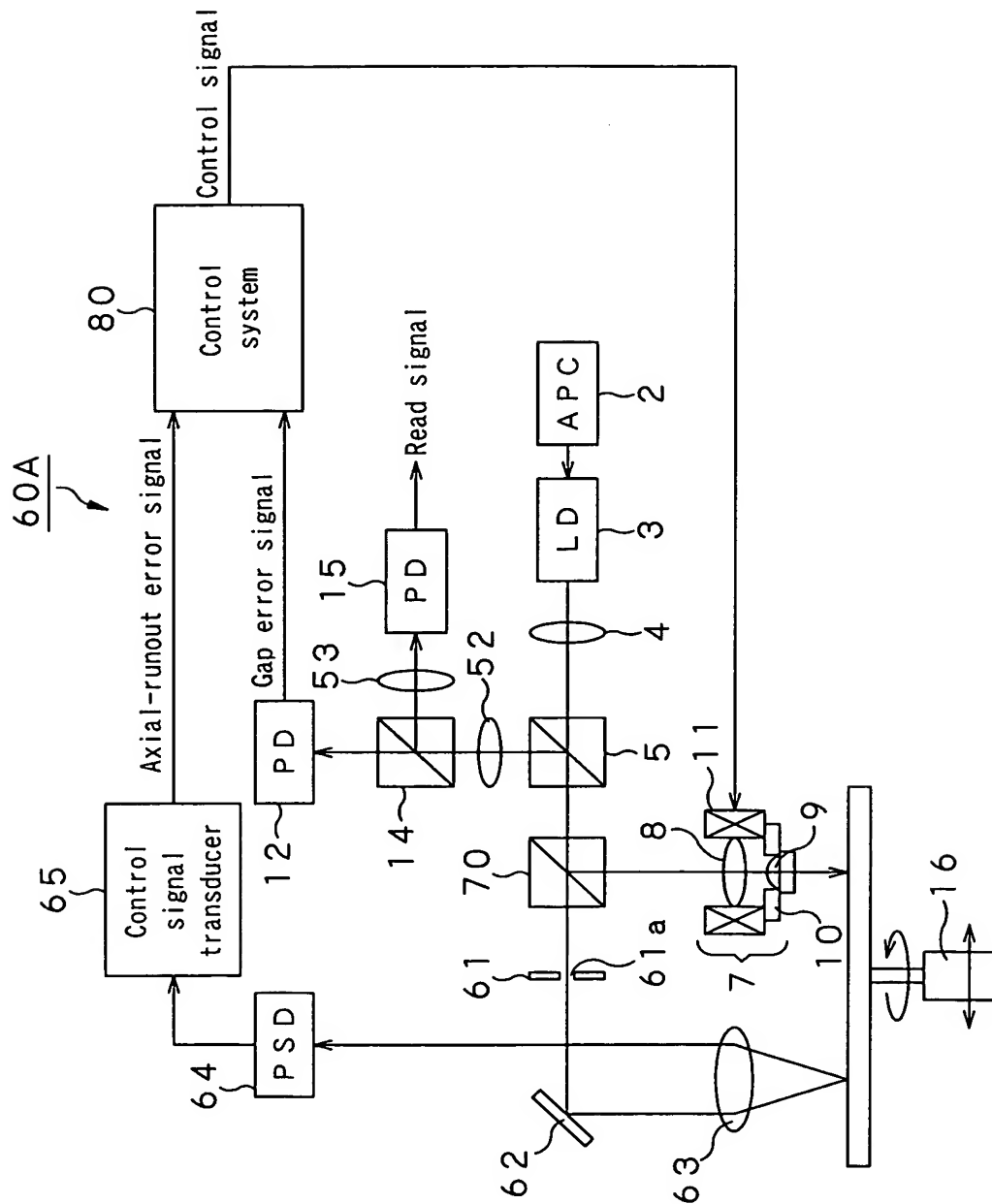


FIG. 19



17/50

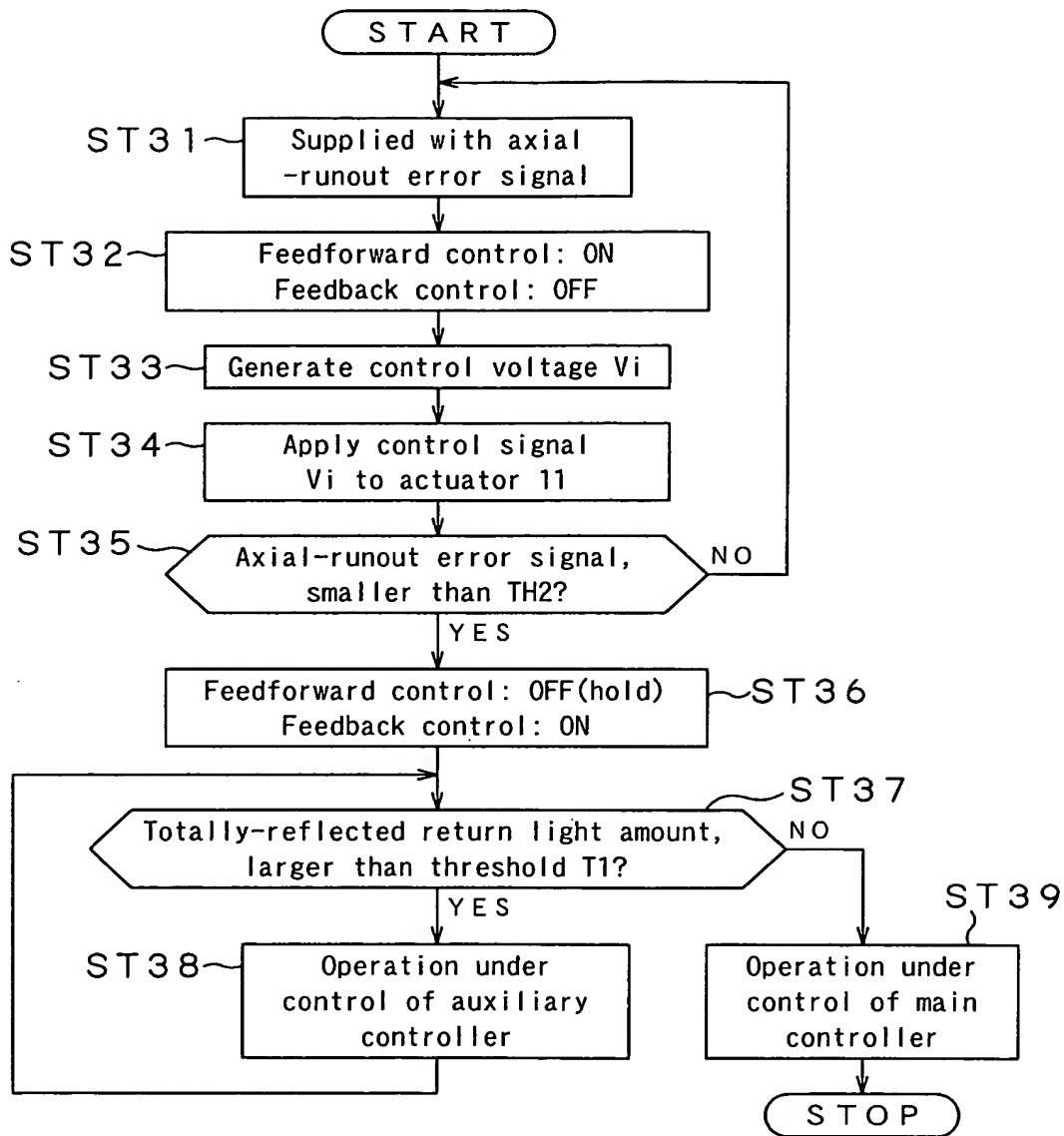
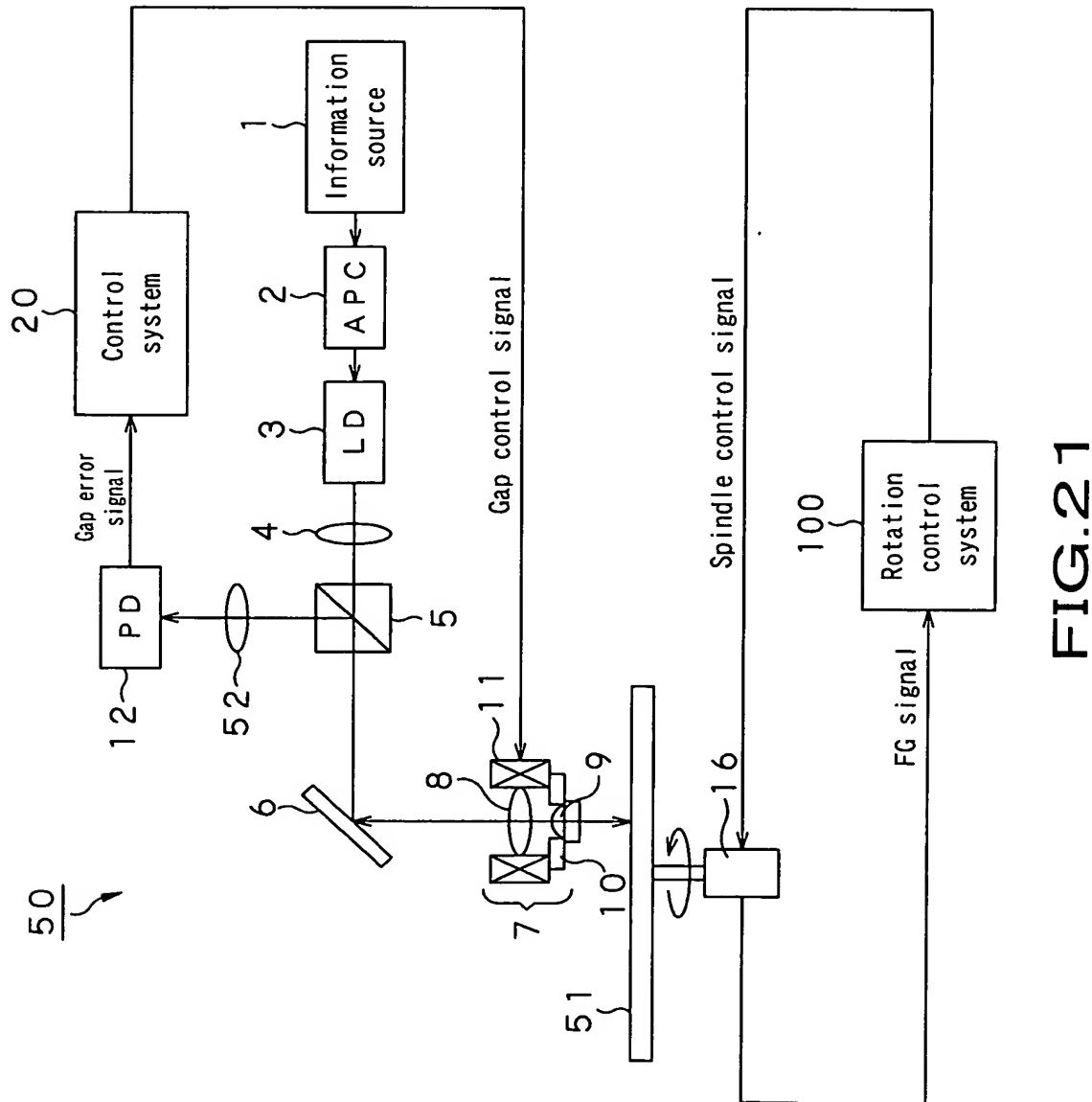


FIG. 20

18/50



19/50

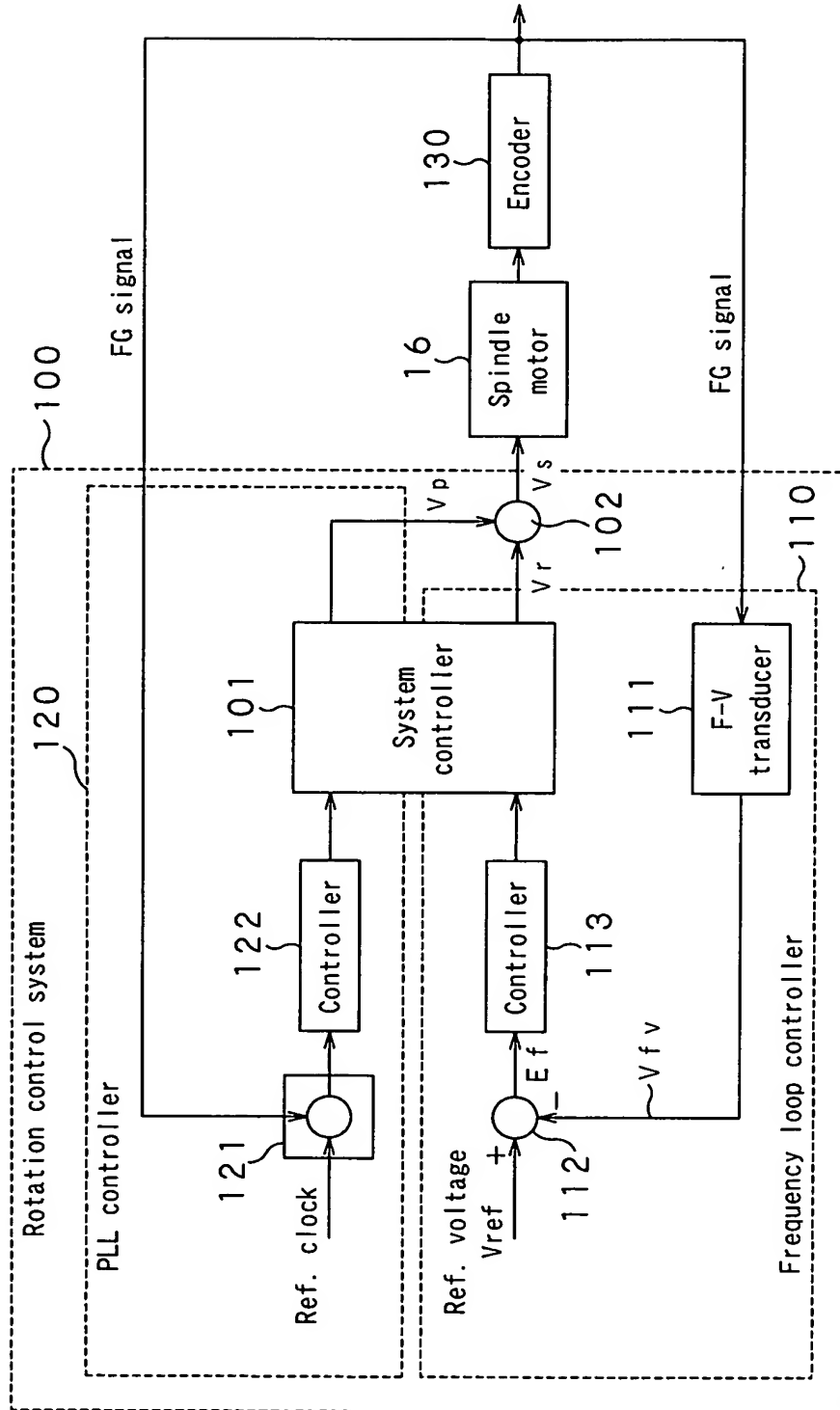


FIG.22

20/50

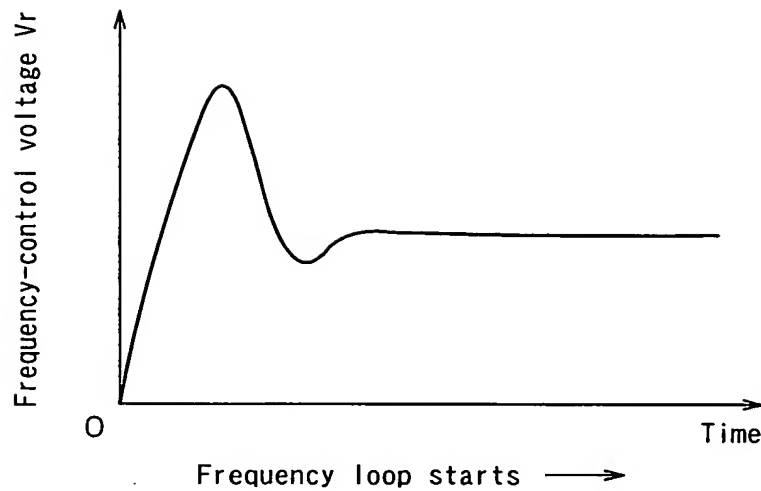


FIG.23

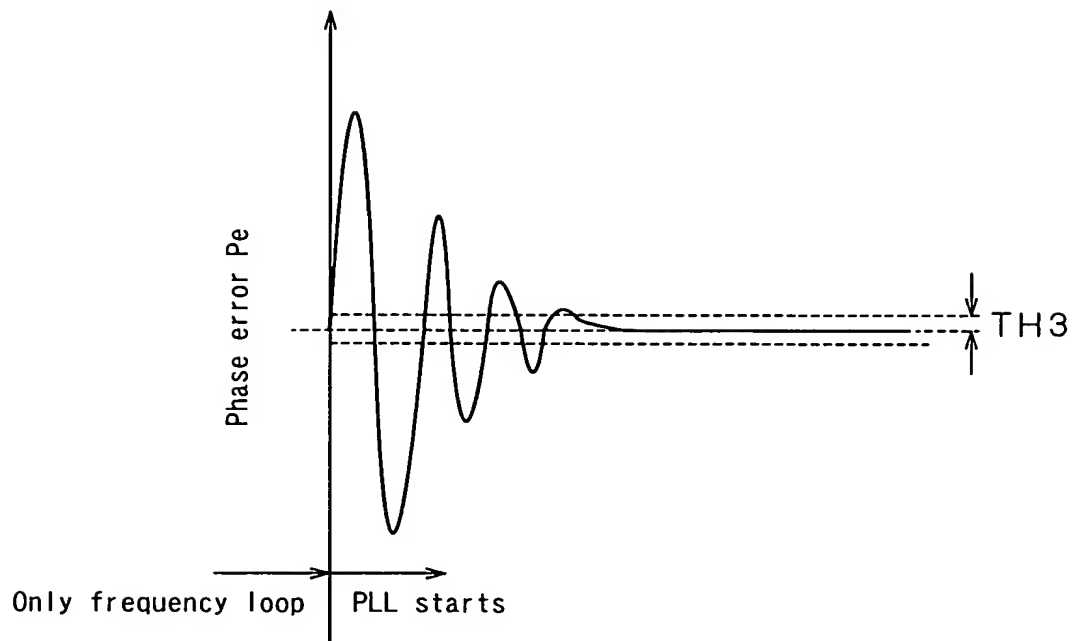


FIG.24

21 / 50

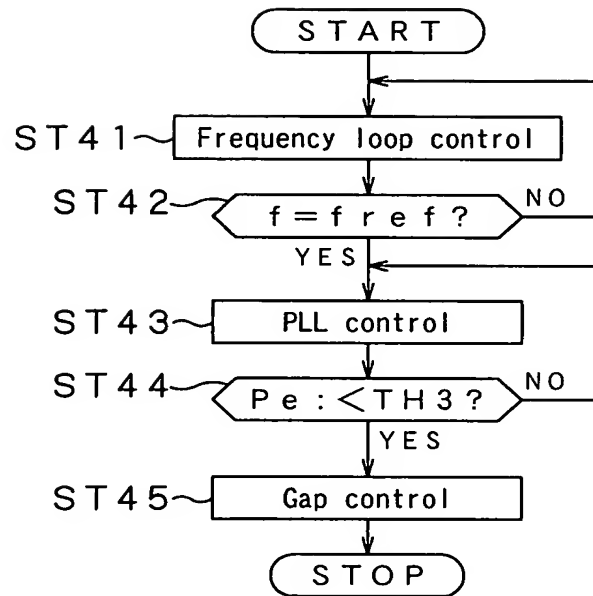


FIG. 25

22 / 50

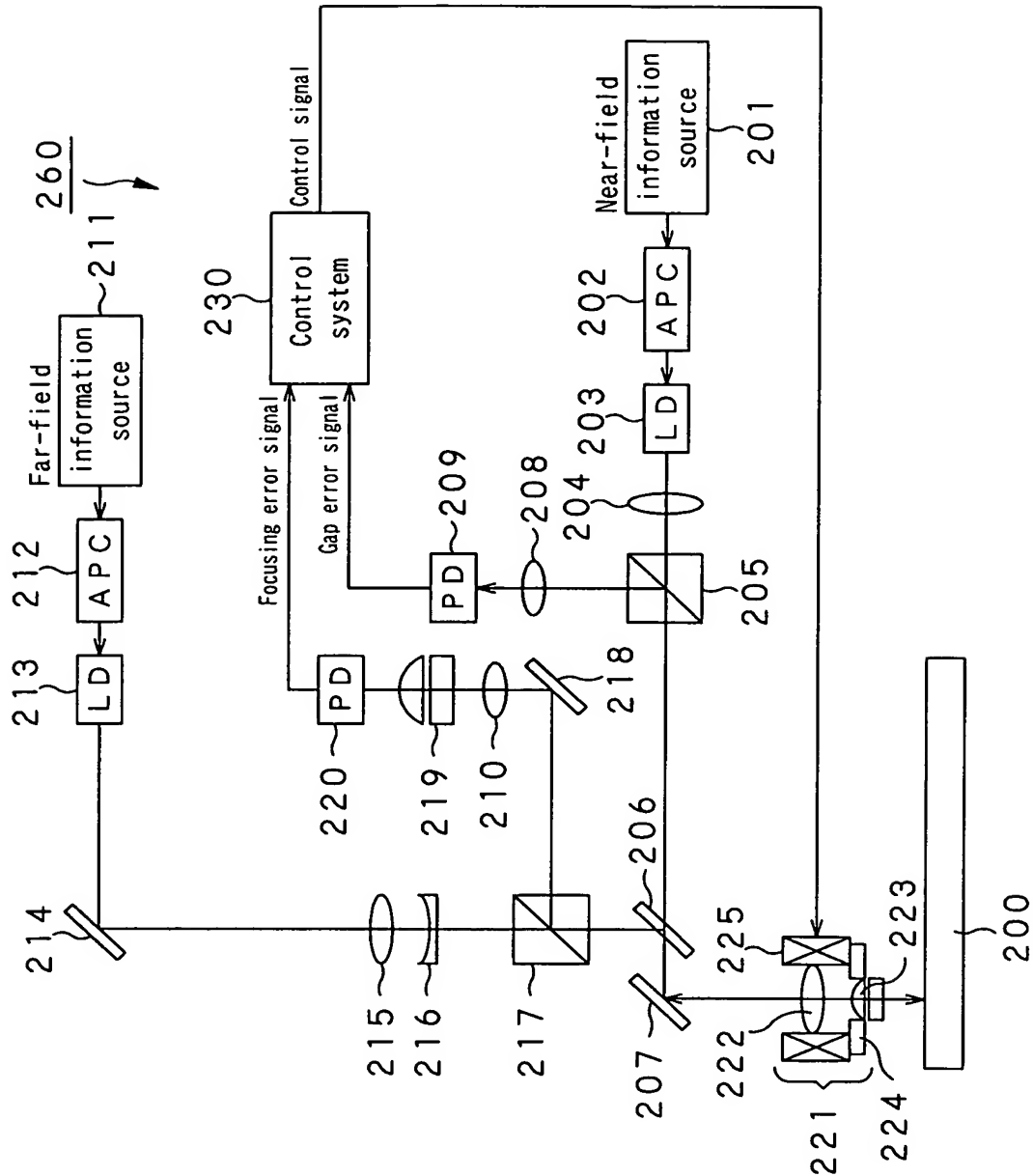


FIG. 26

23/50

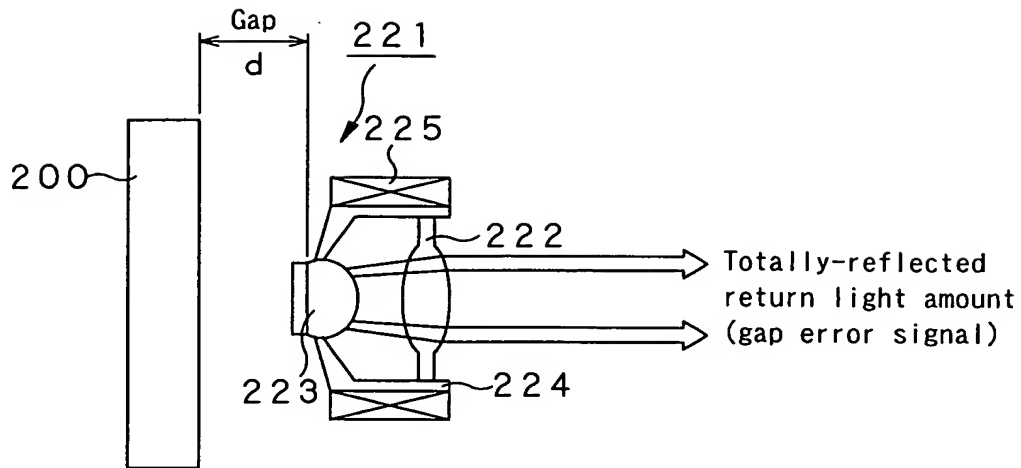


FIG.27

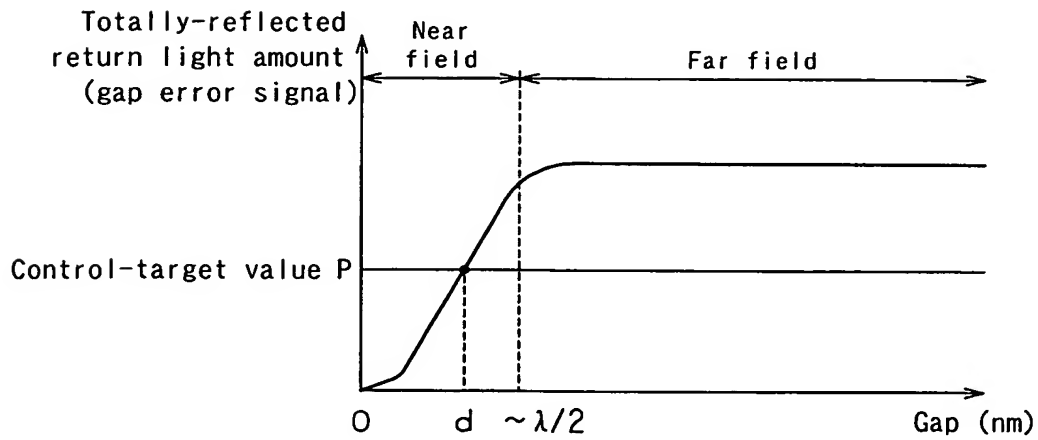


FIG.28

24/50

FIG.29A

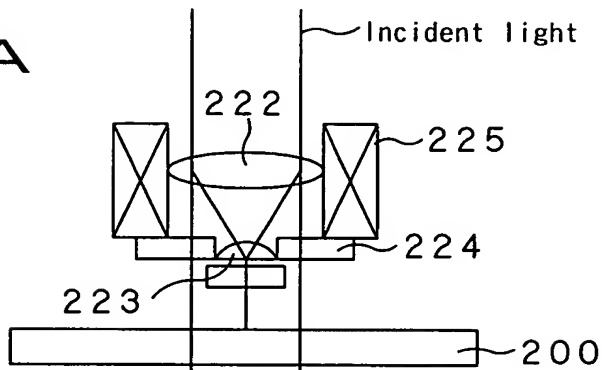
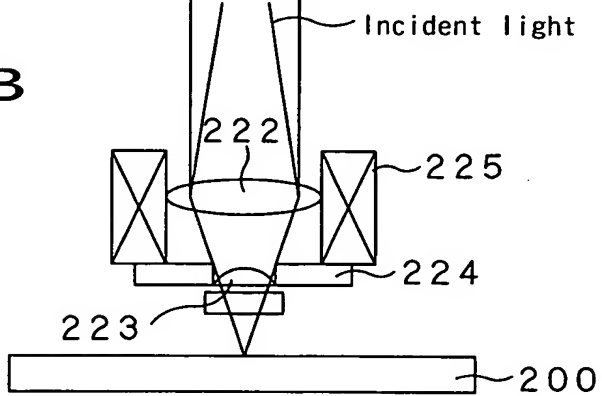


FIG.29B





25 / 50

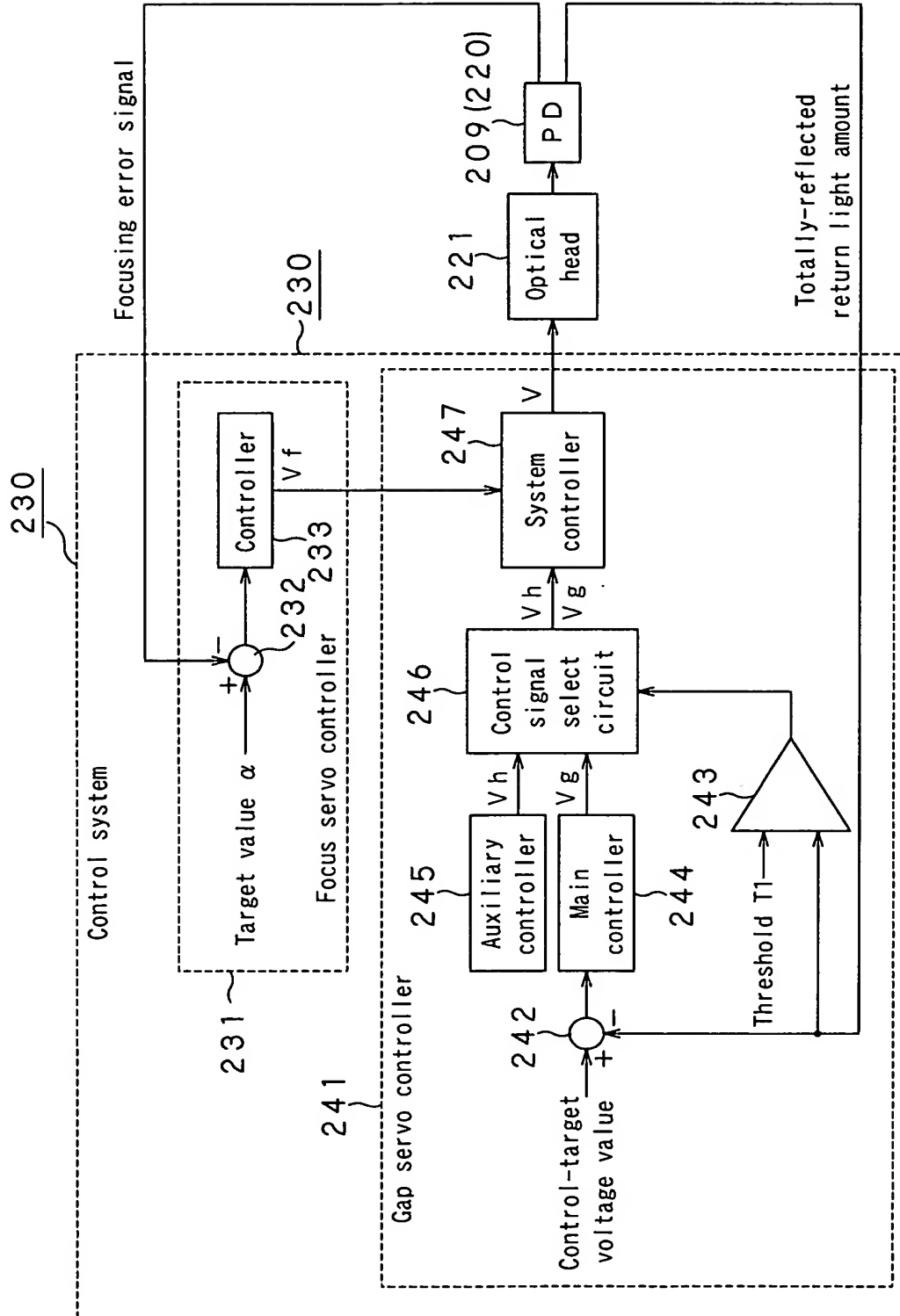


FIG.30

26/50

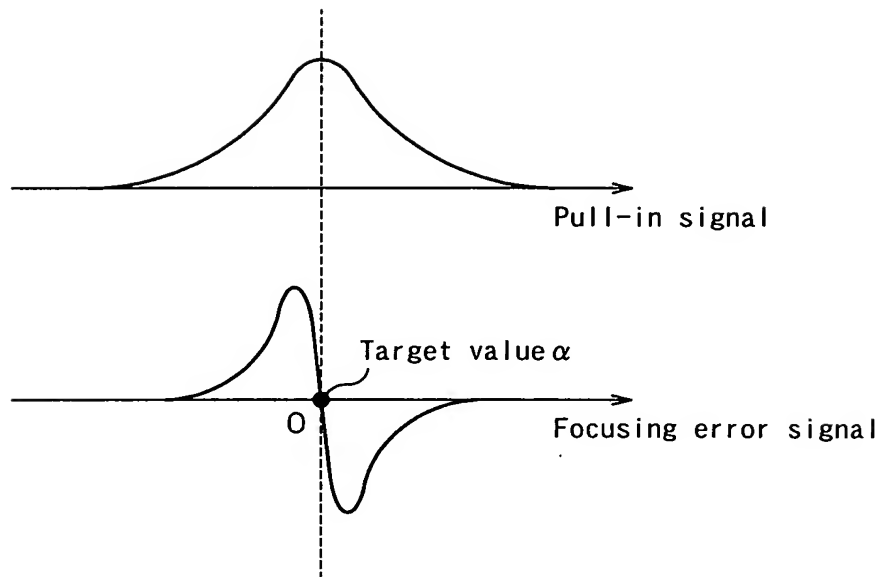


FIG. 31

27/50

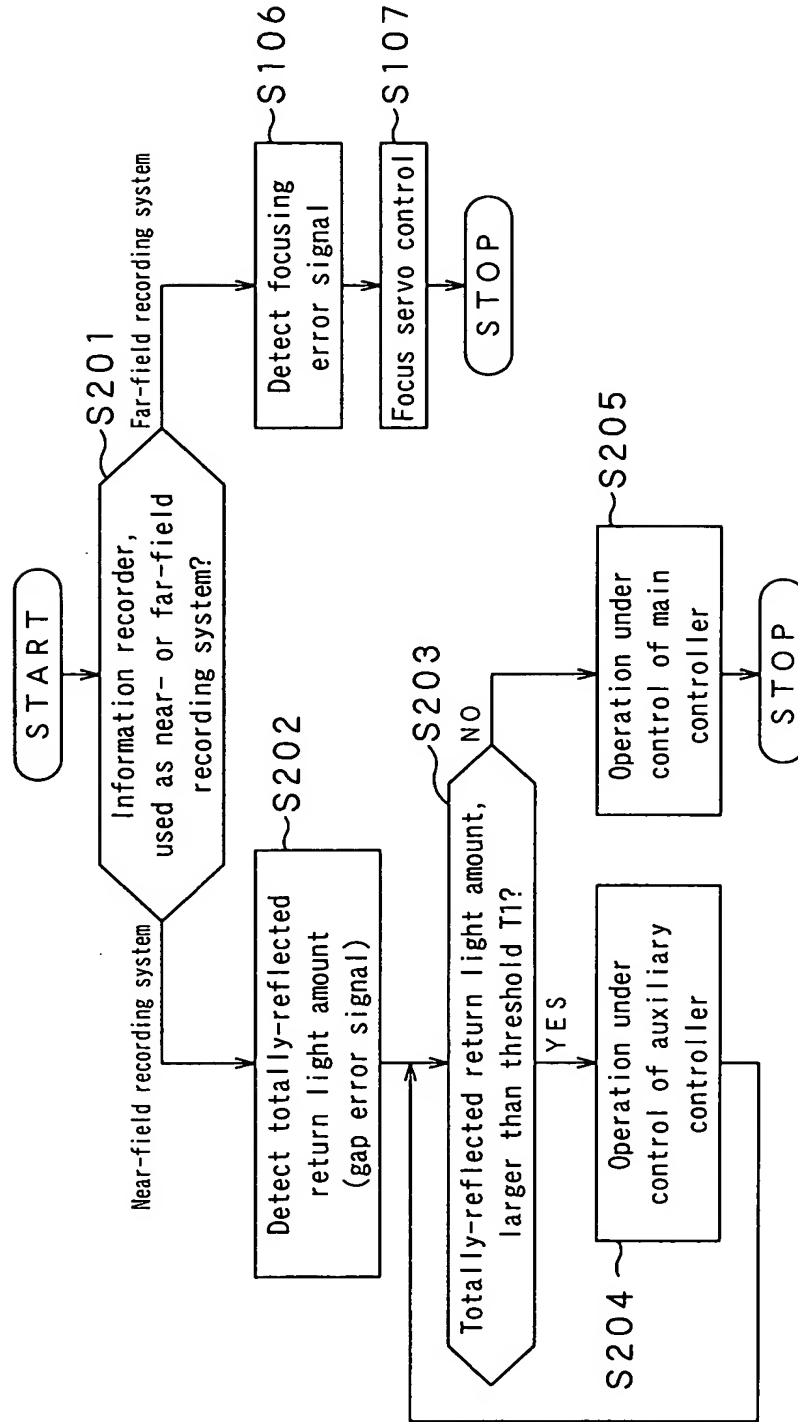


FIG. 32

28 / 50

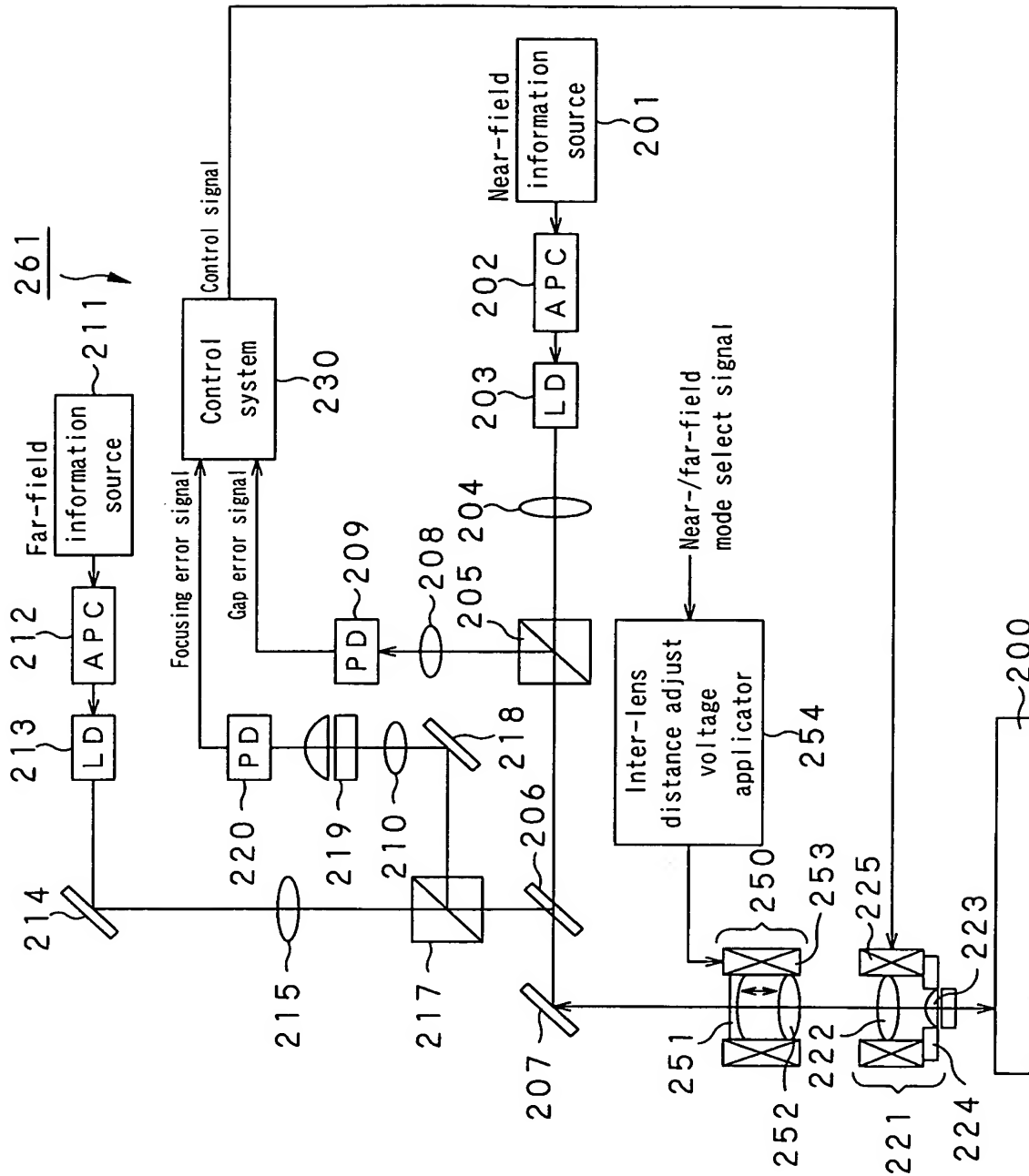


FIG. 33

29 / 50

FIG. 34A

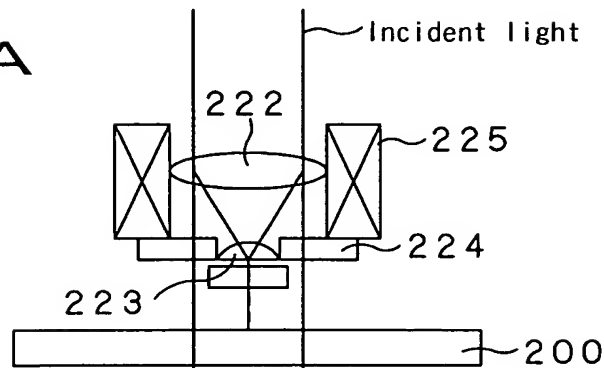
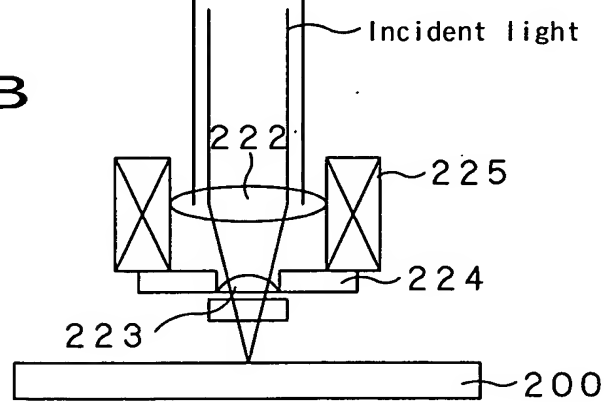


FIG. 34B



30 / 50

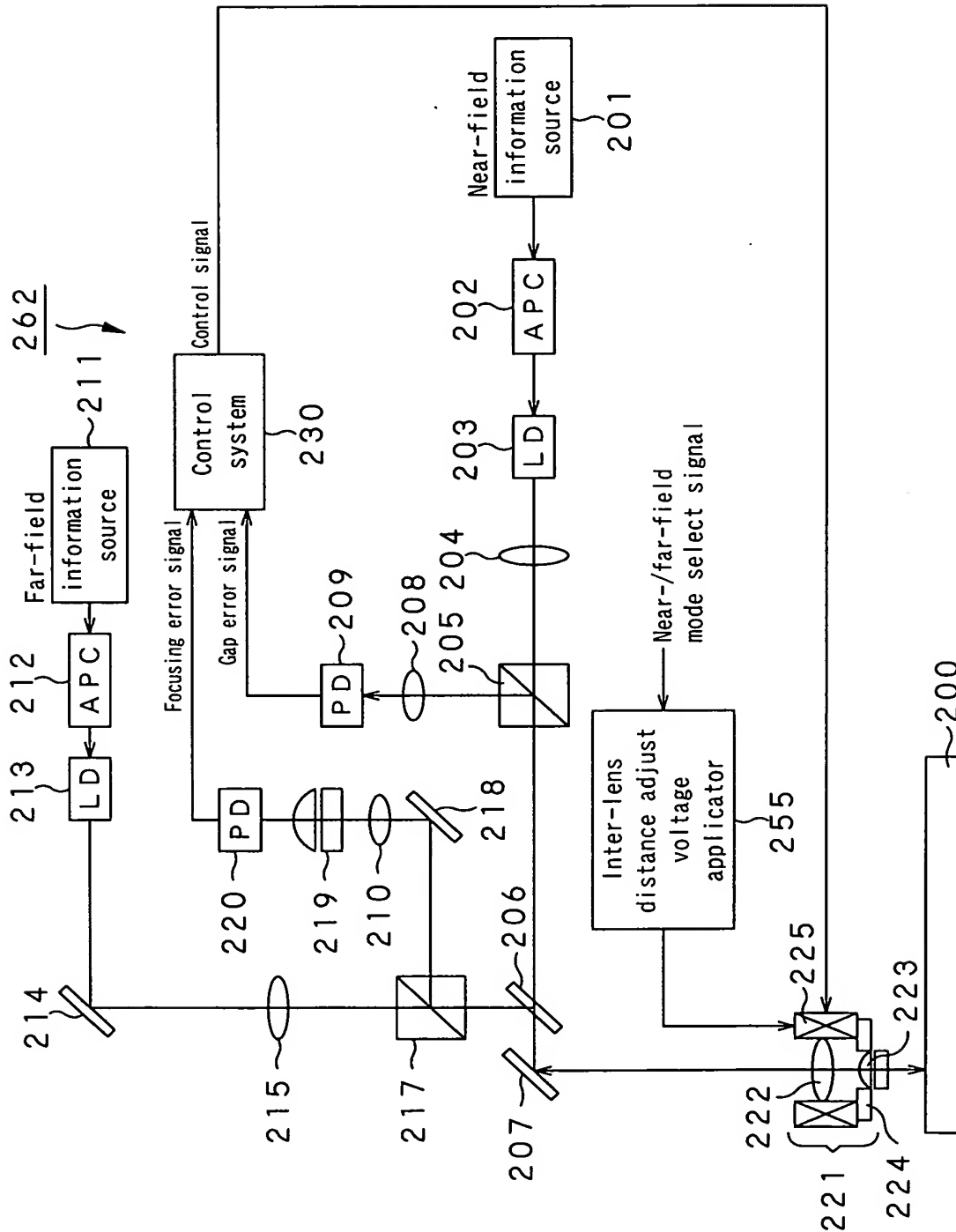


FIG.35

31 / 50

FIG. 36A

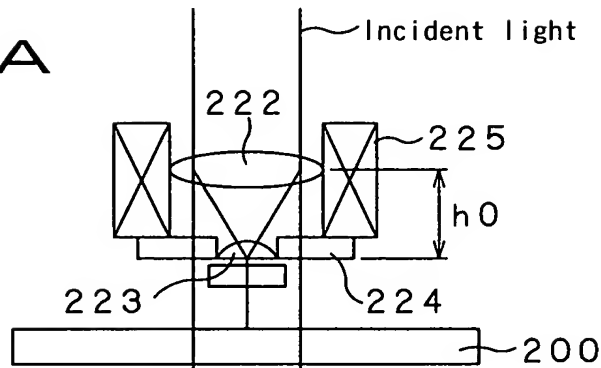
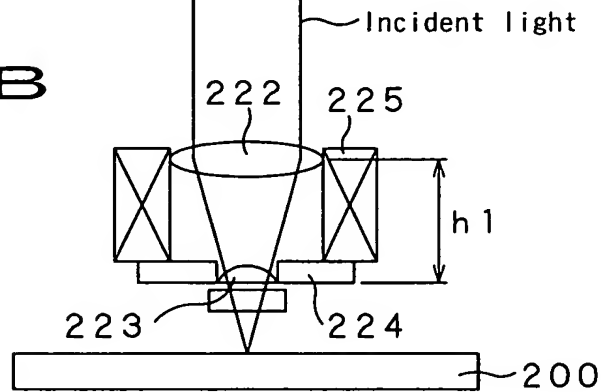


FIG. 36B



32 / 50

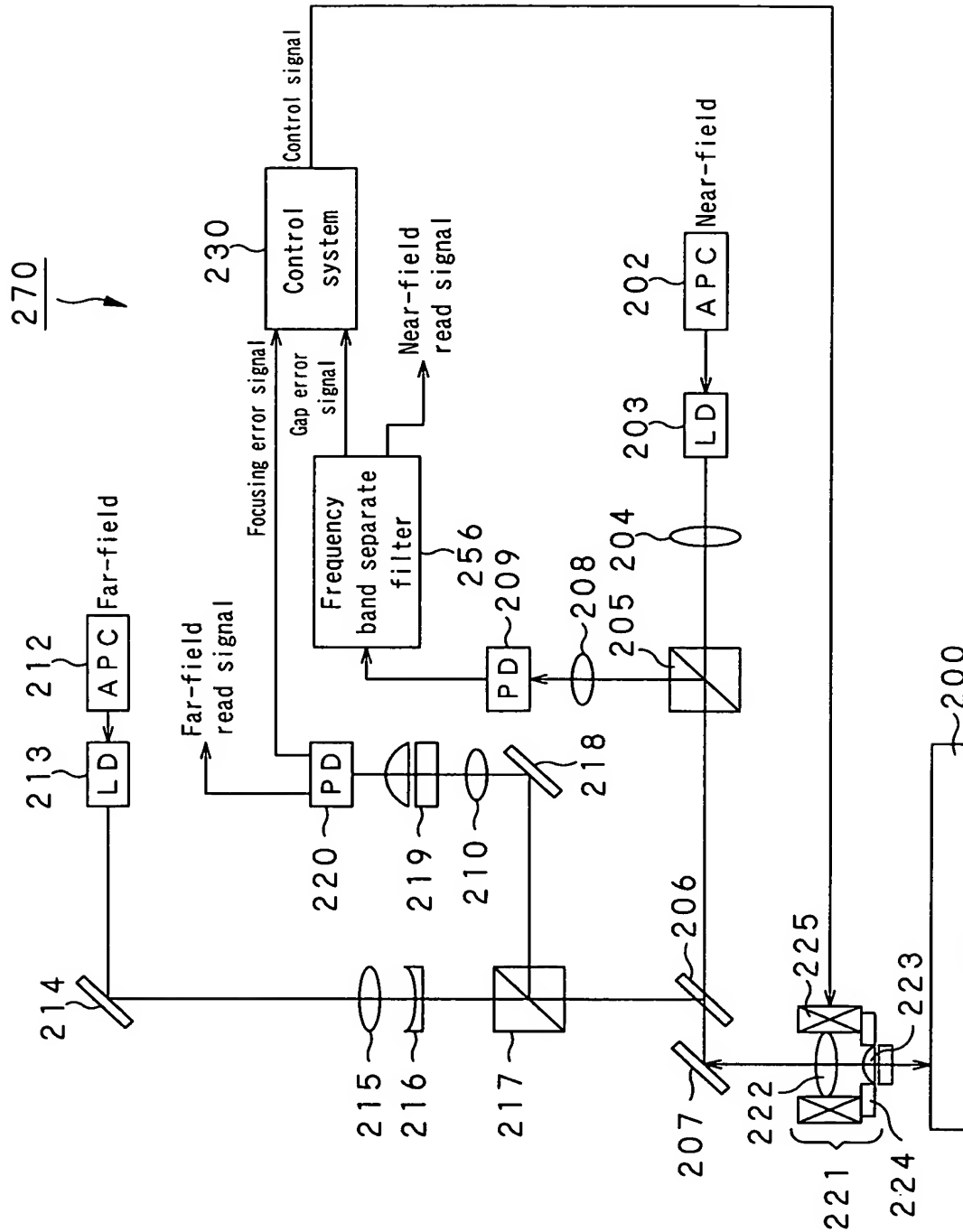


FIG.37





34 / 50

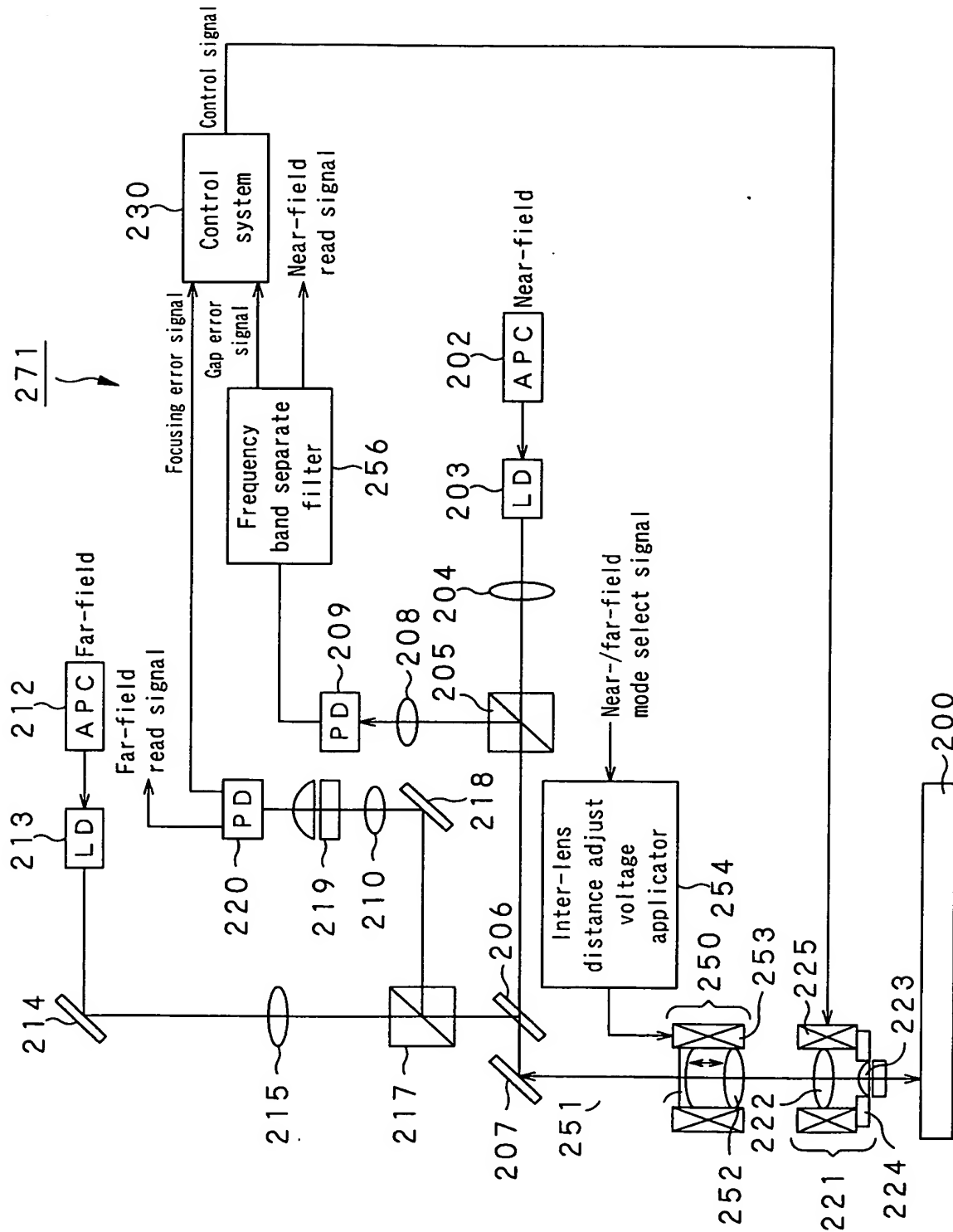


FIG.39

35 / 50

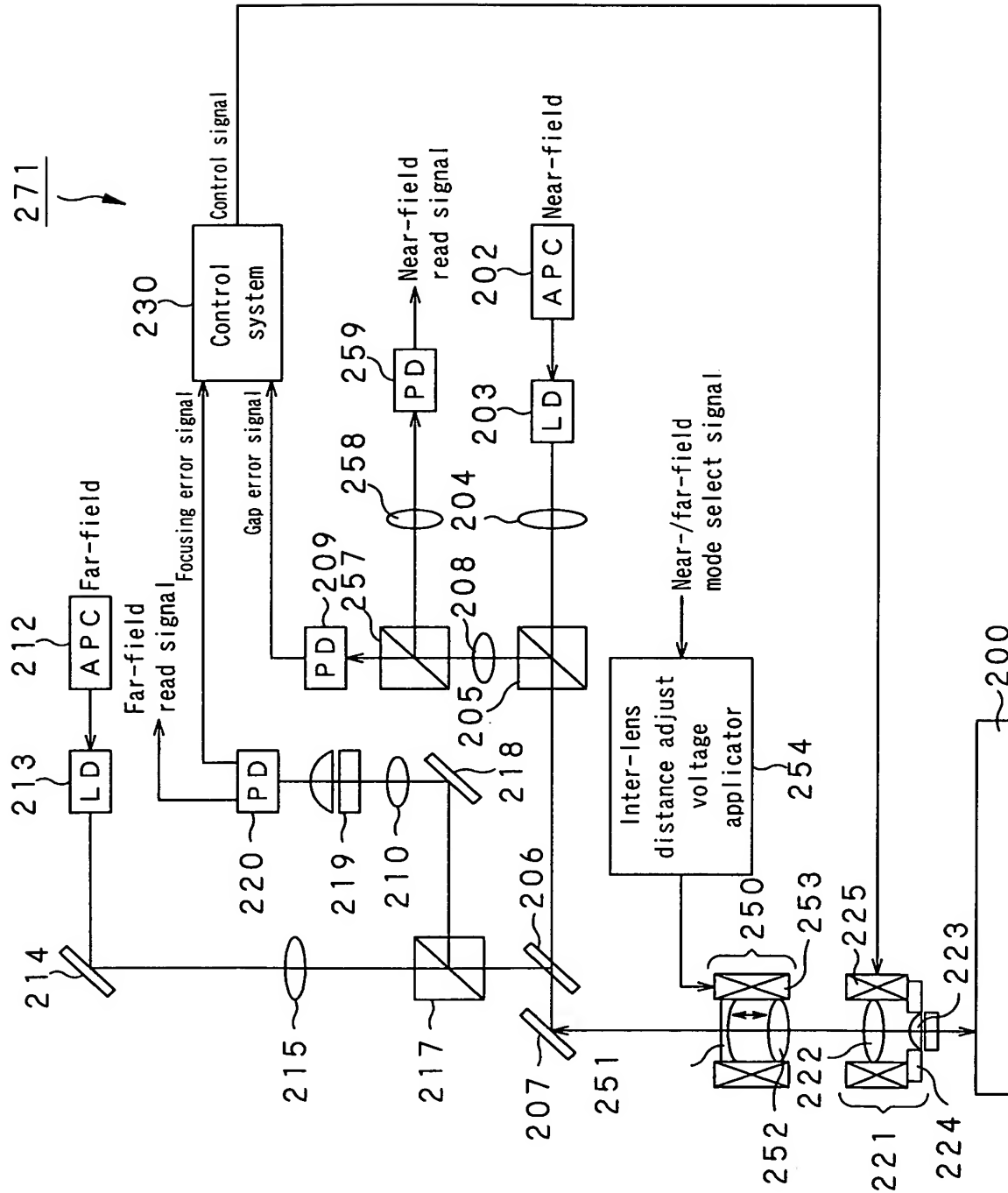


FIG. 40

36 / 50

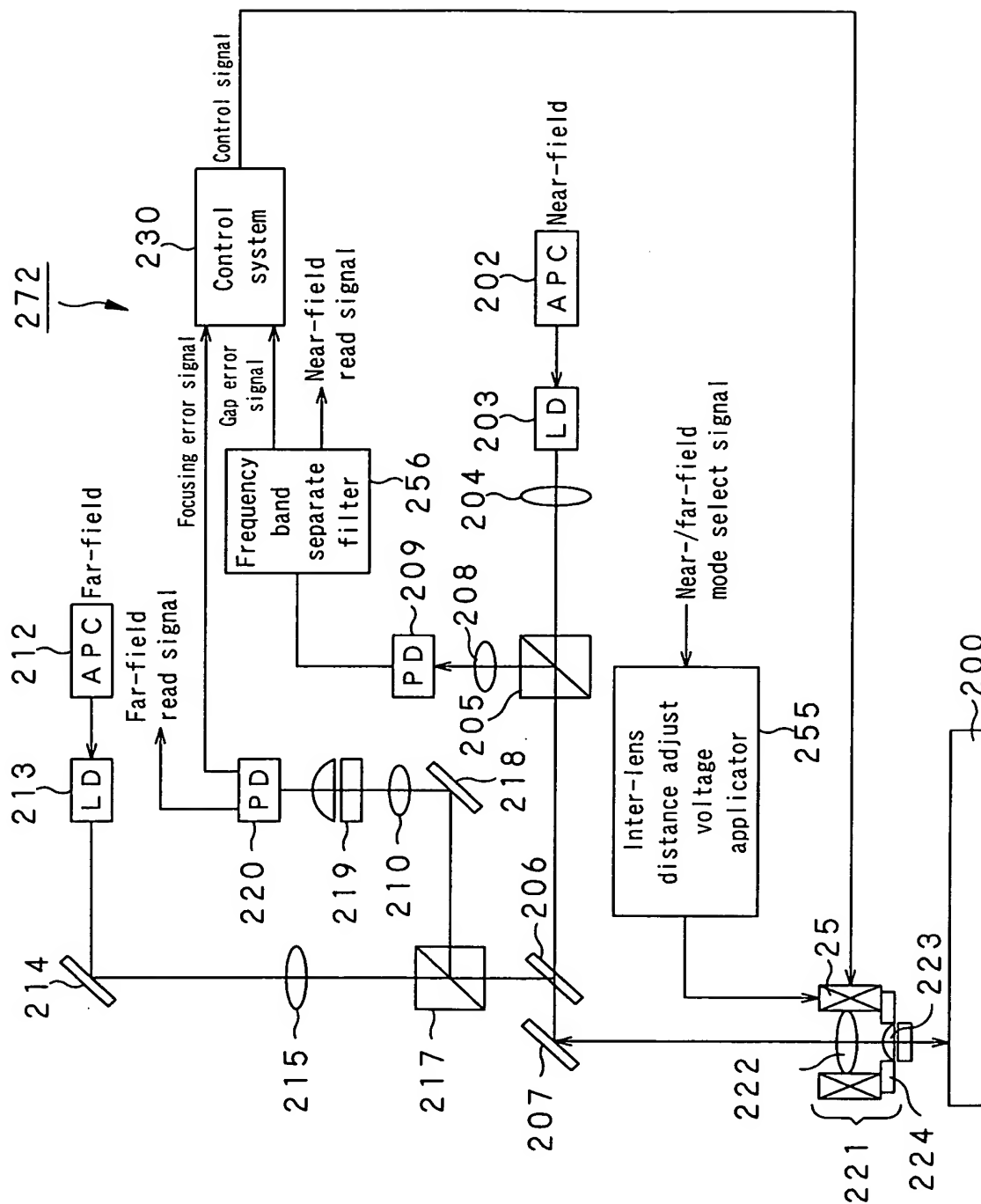


FIG. 41

37 / 50

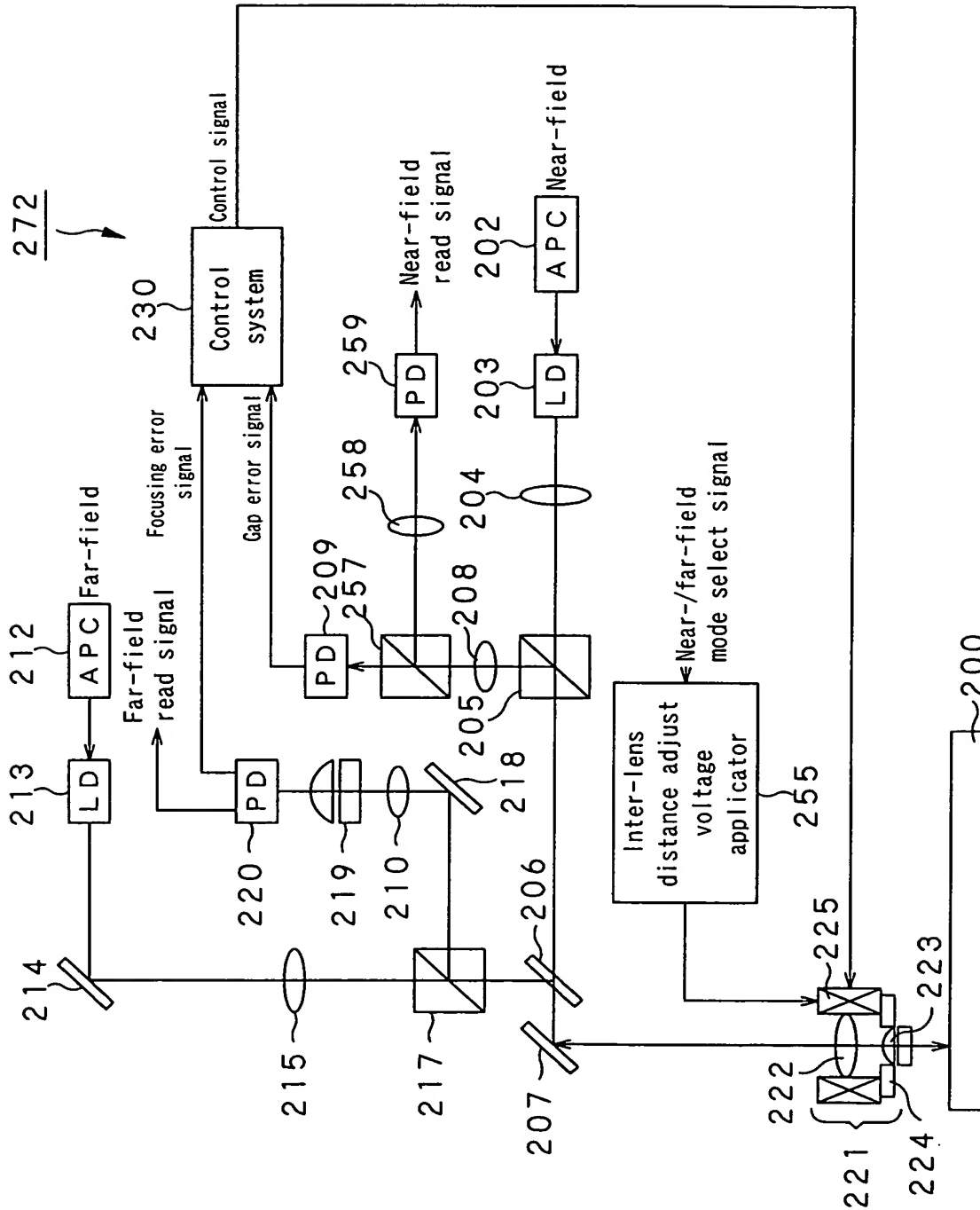


FIG.42

38 / 50

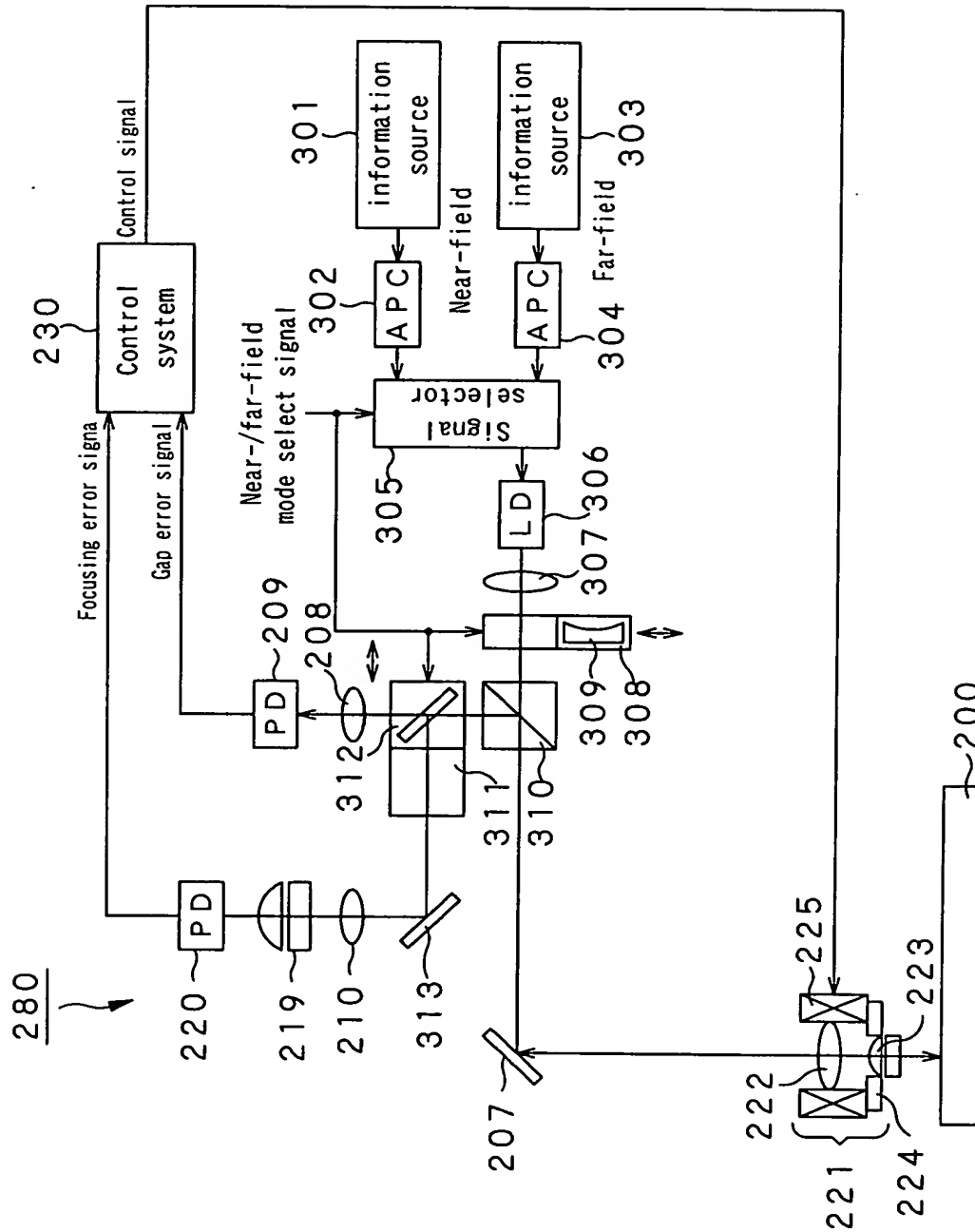


FIG. 43

39 / 50

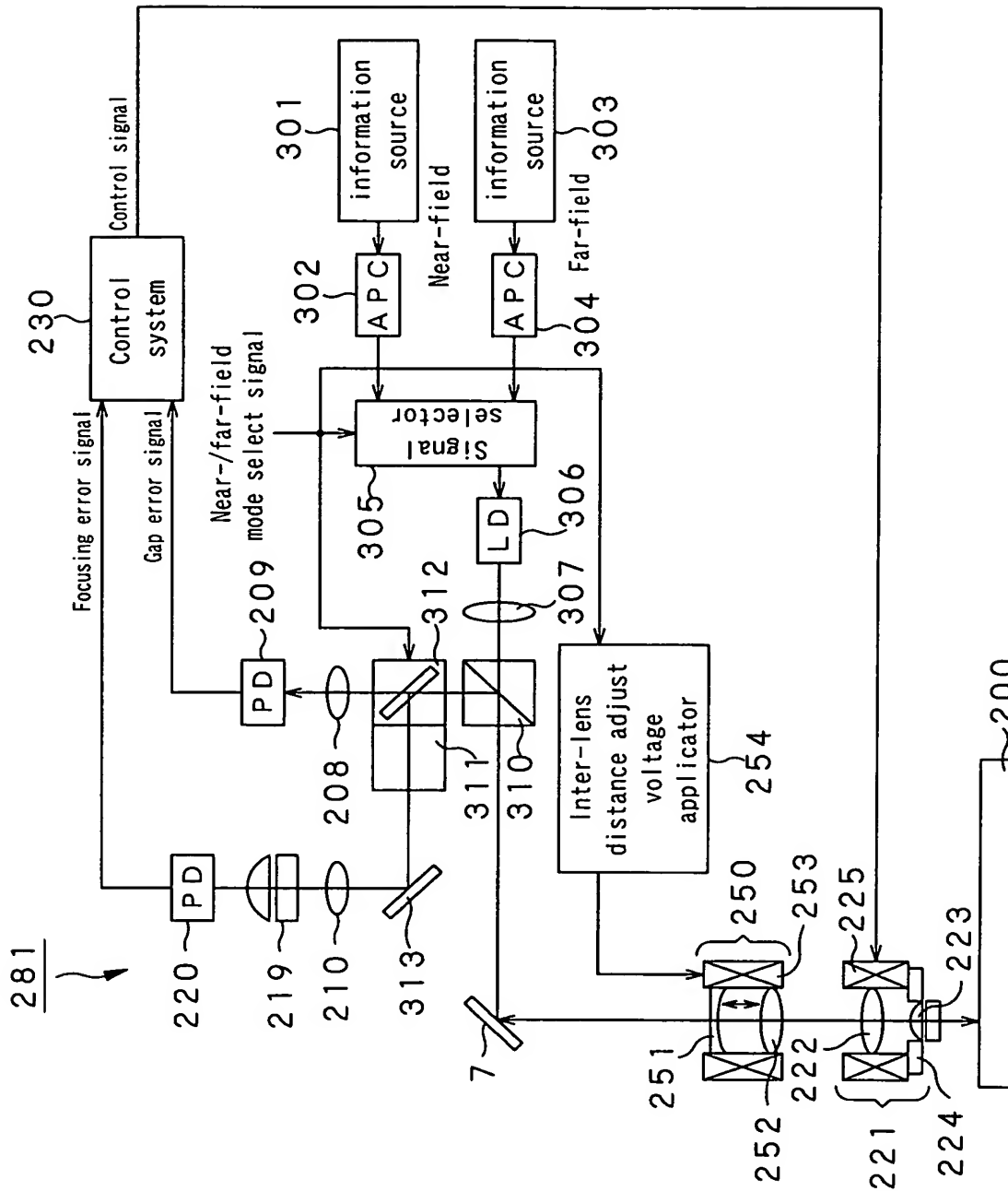
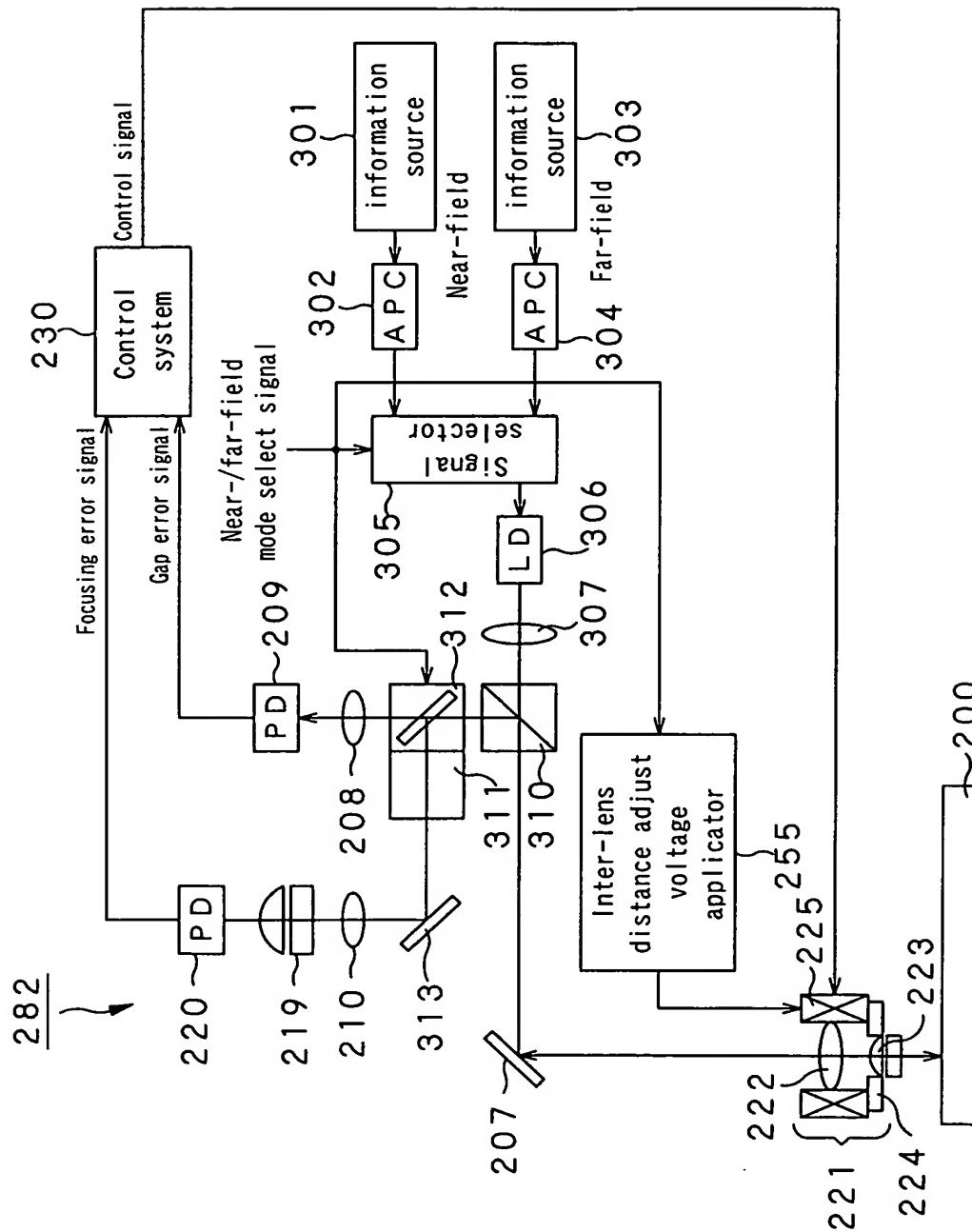


FIG.44



**FIG. 45**



41 / 50

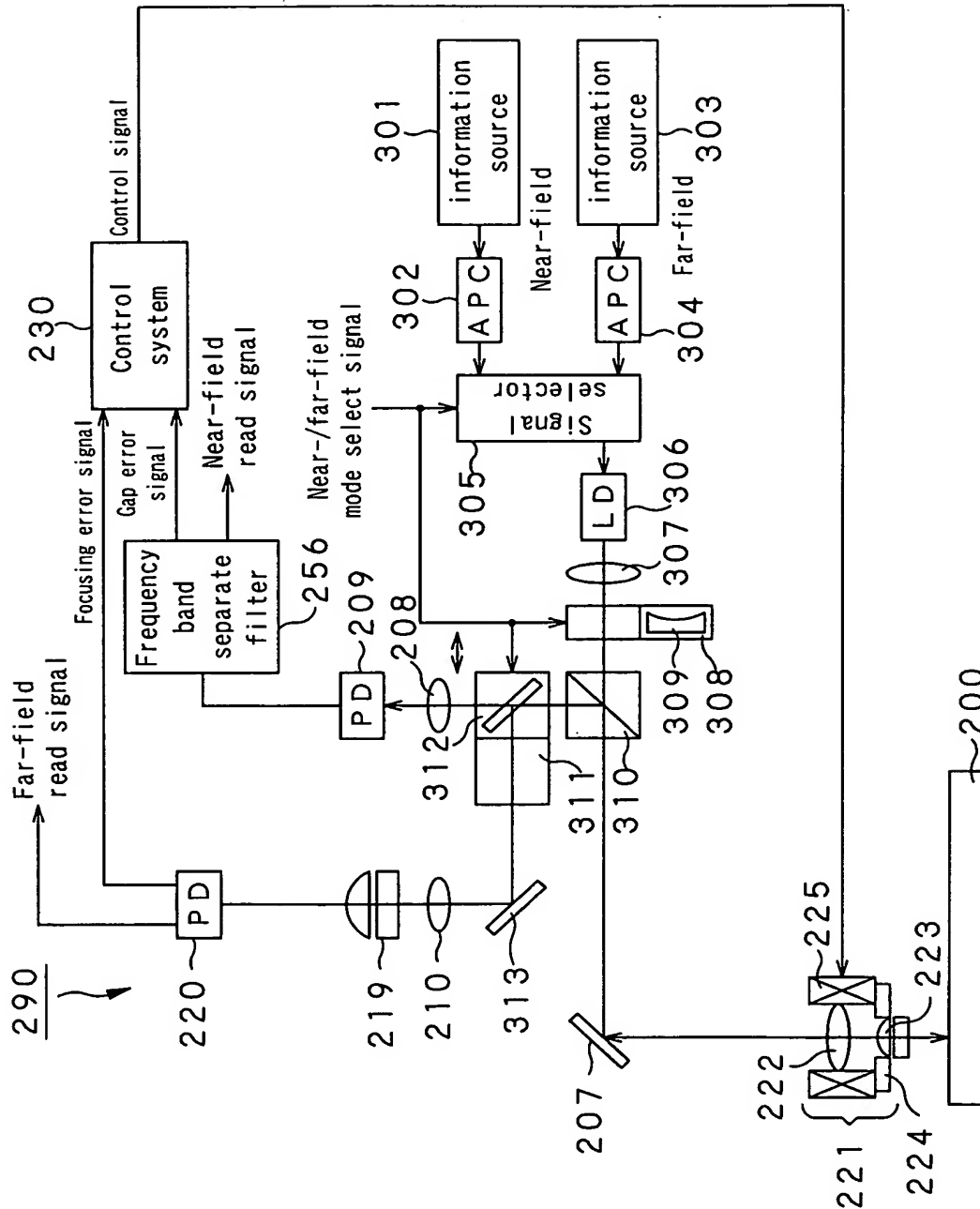
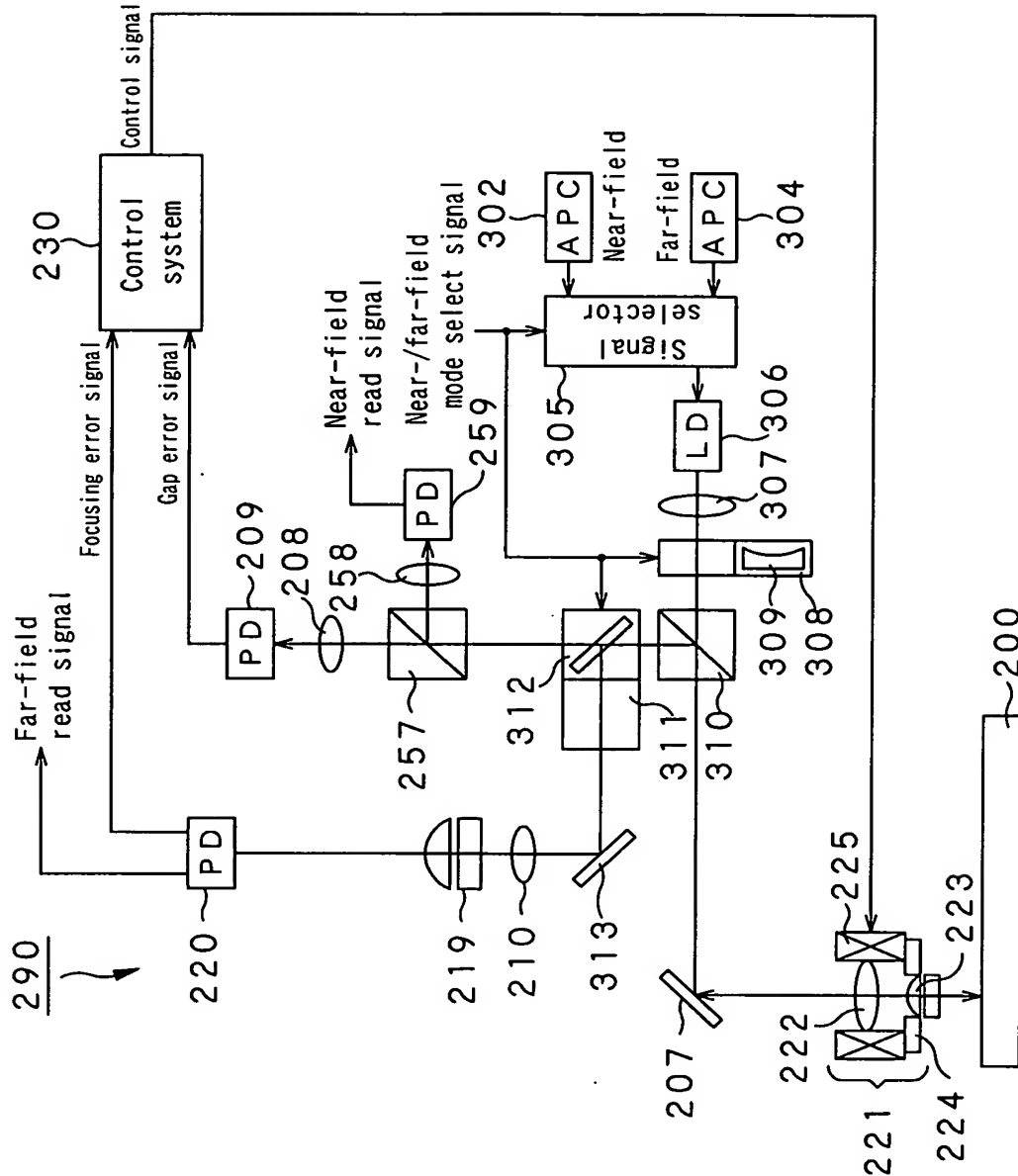


FIG. 46

42/50



**FIG. 47**

43/50

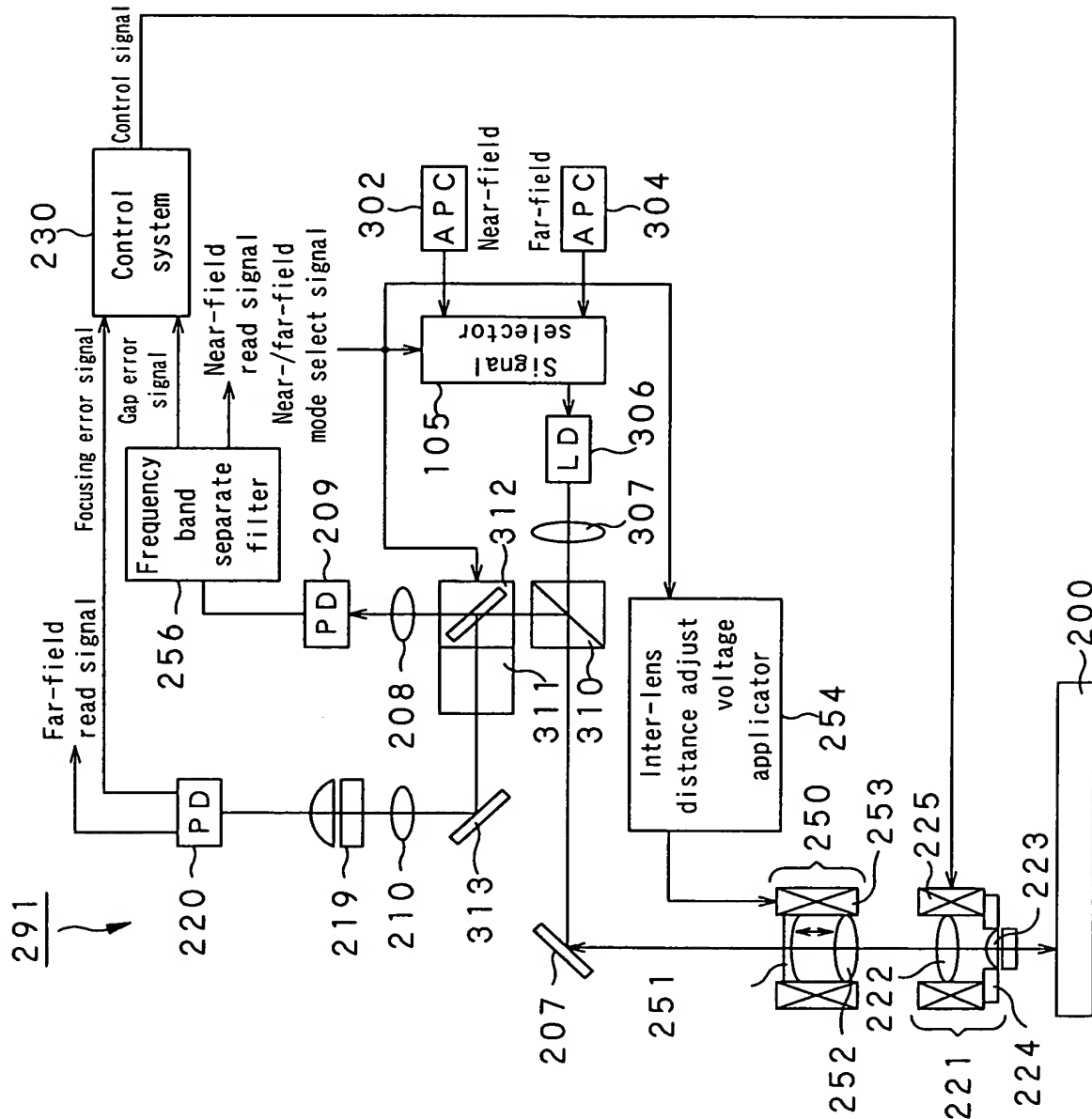


FIG. 48

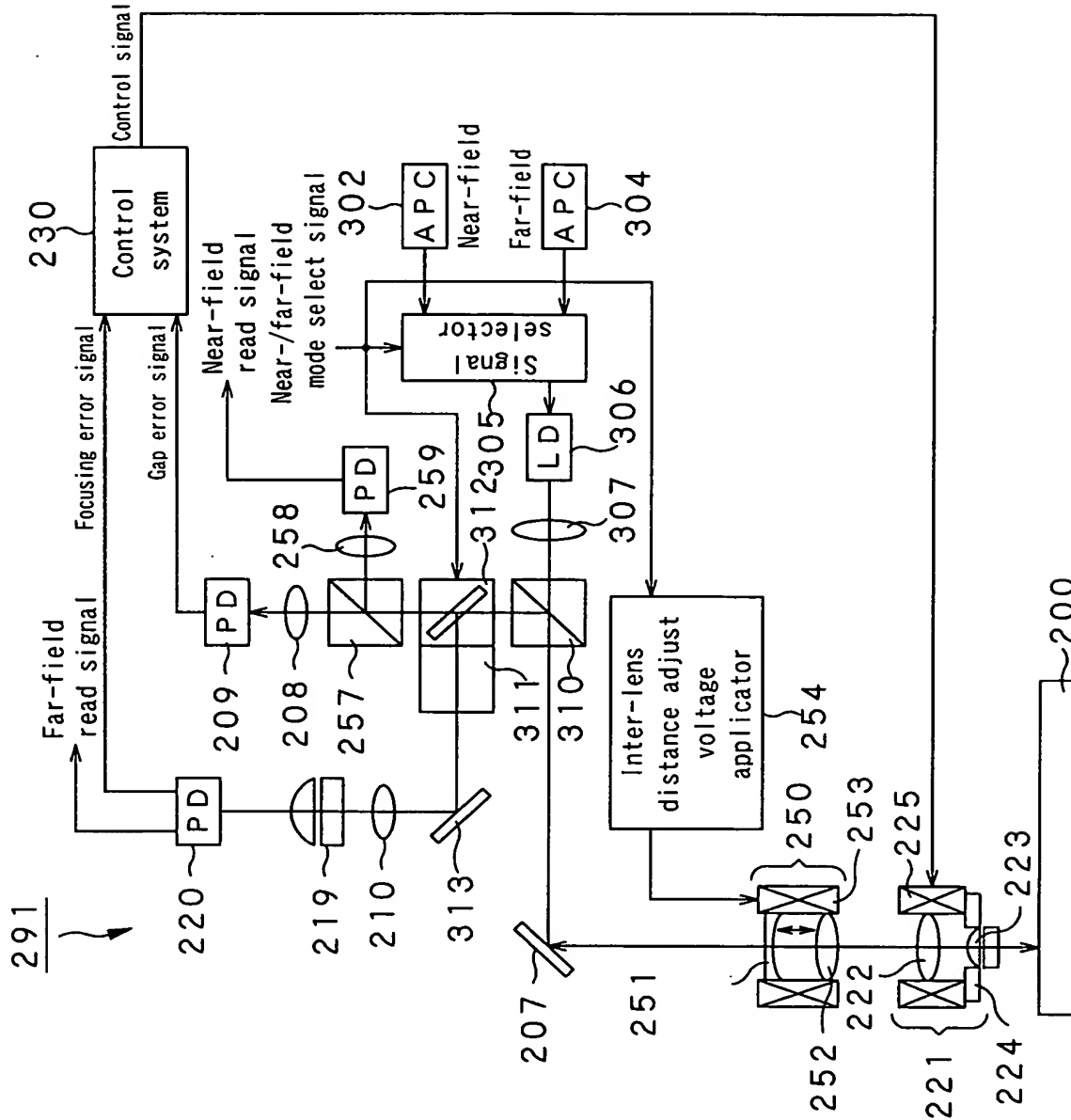
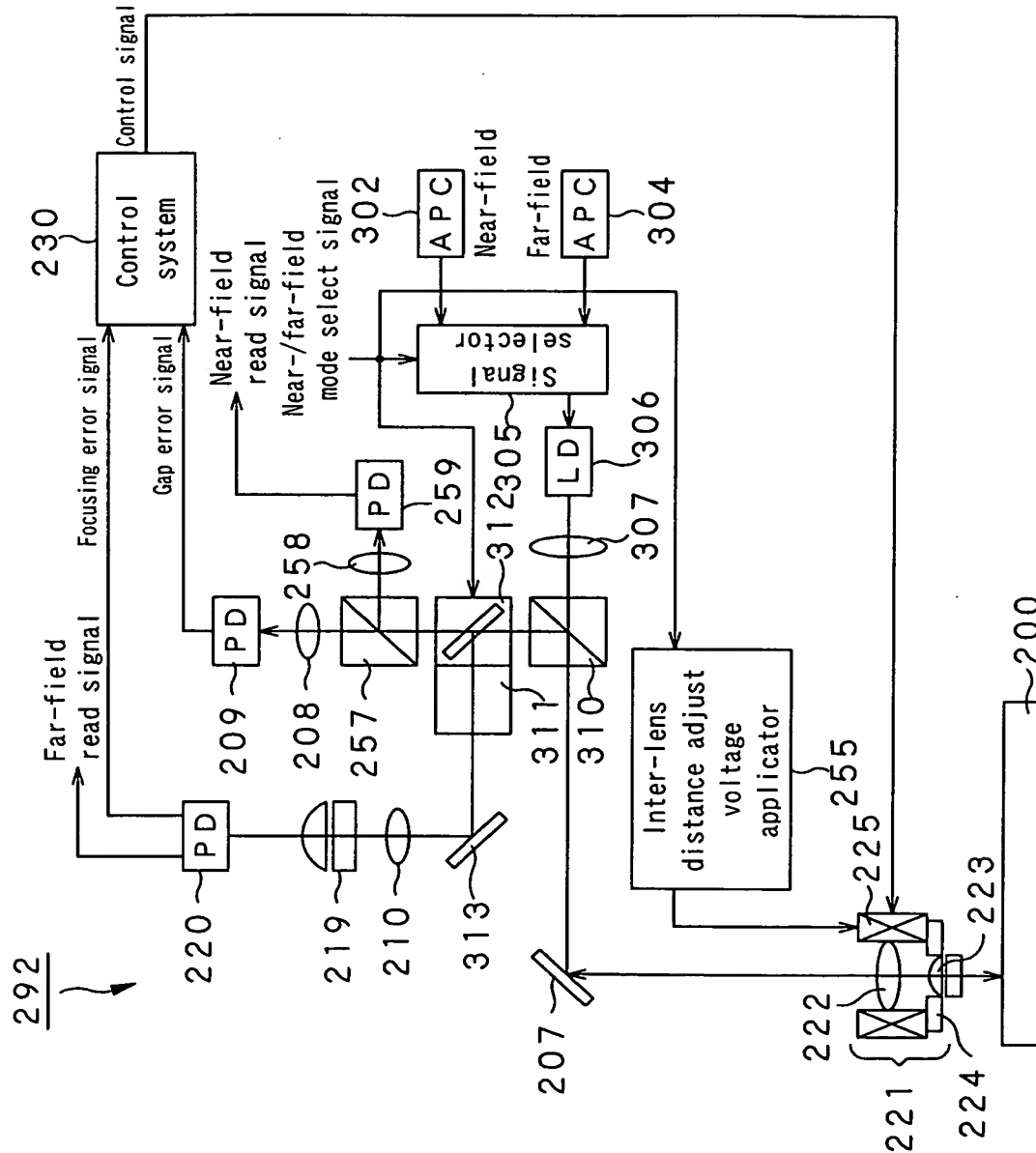


FIG.49





47/50

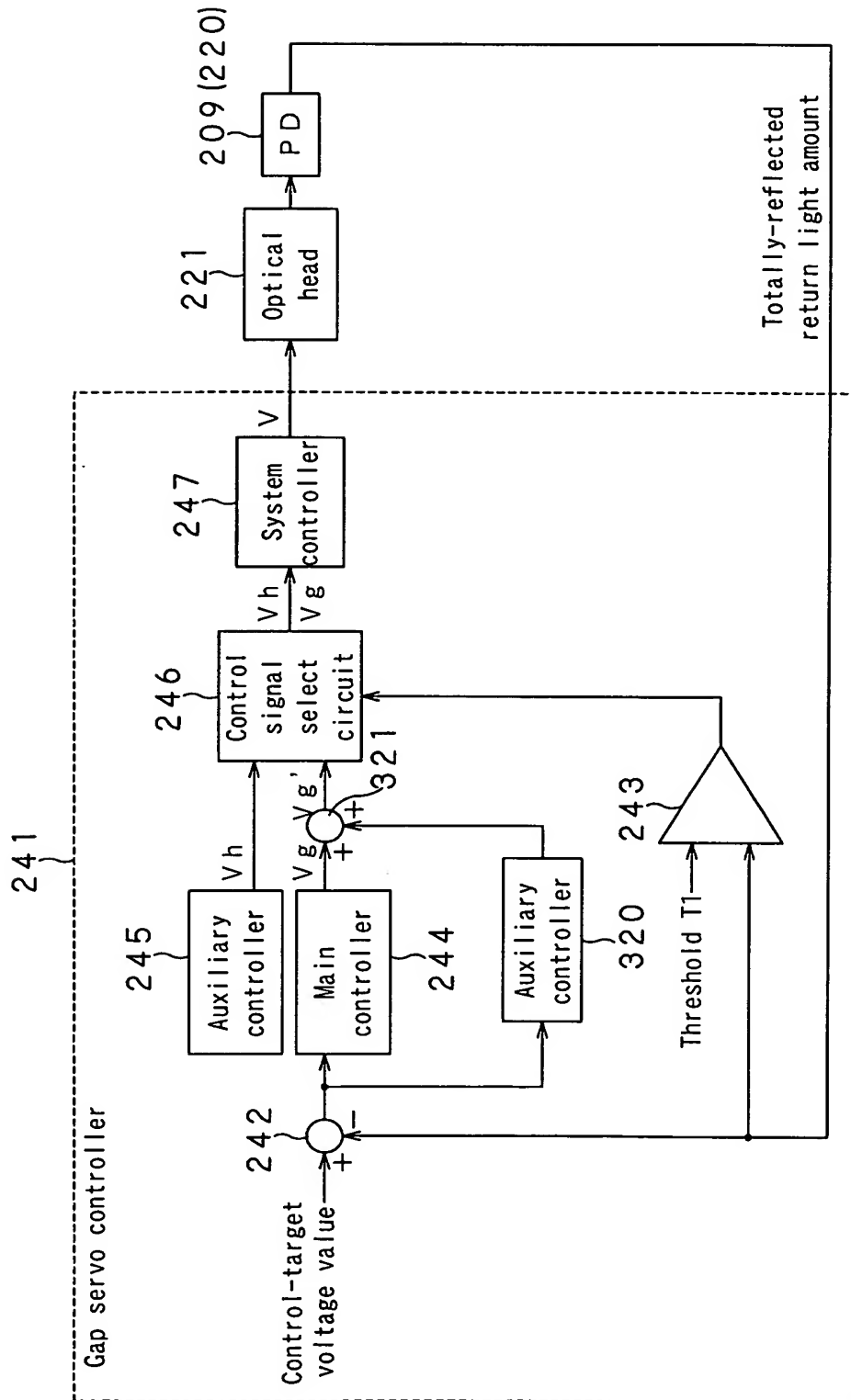


FIG.52

48/50

LPF ( $f_c=10\text{Hz}$ )

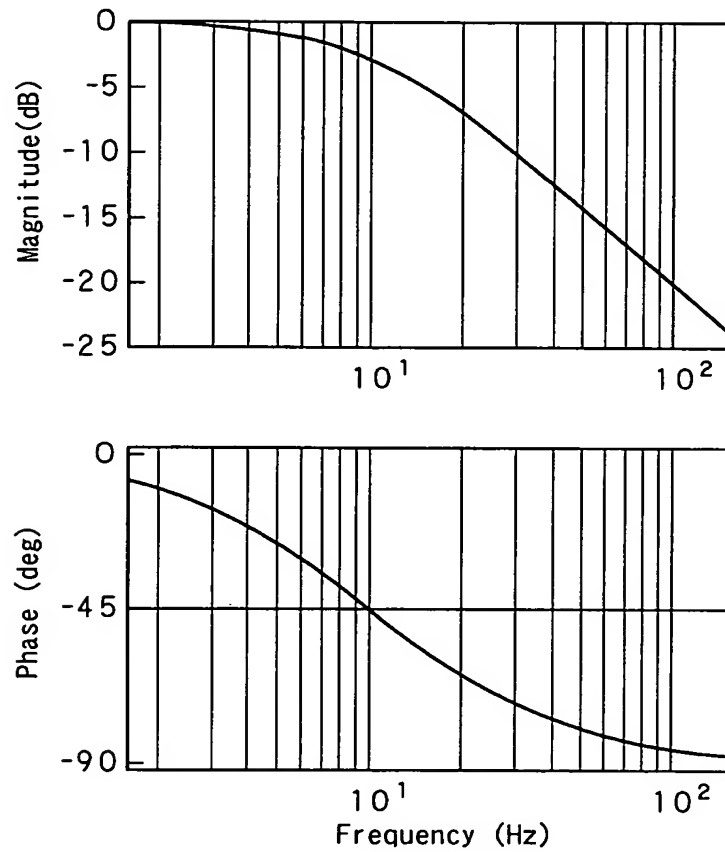


FIG.53



49 / 50

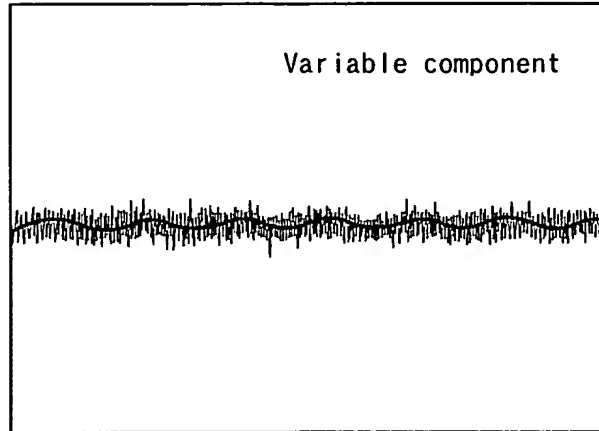


FIG.54A

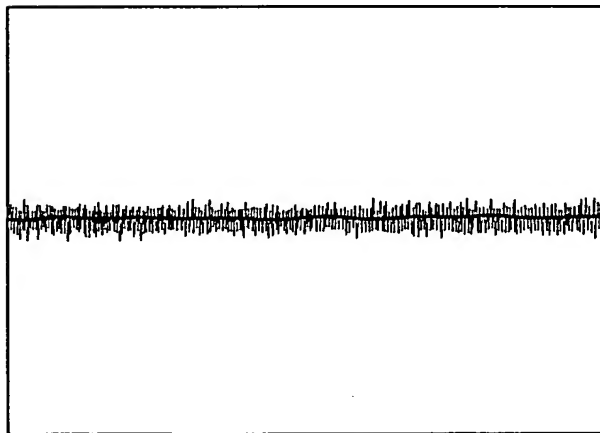


FIG.54B

50/50

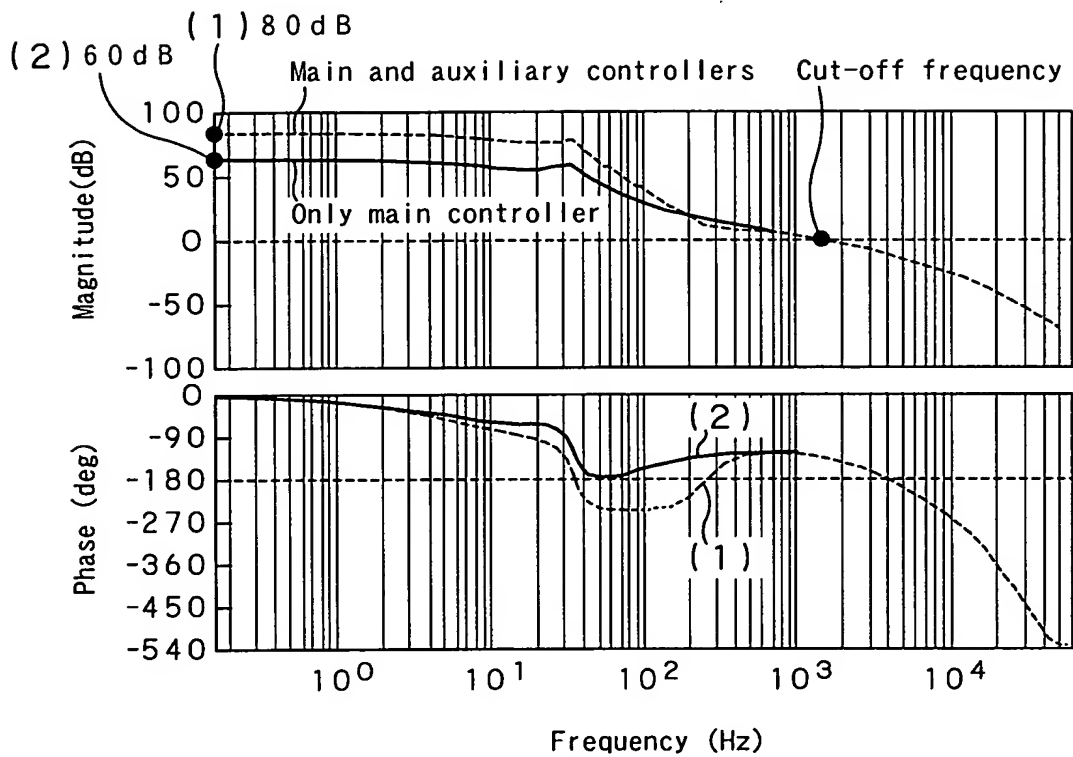


FIG. 55